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FEEDING STUFFS REPORT

1921

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BUREAU OF CHEMISTRY



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PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
Bureau of Chemistry

PRODUCTS ANALYZED

OFFICIAL SAMPLES SECURED BY SPECIAL AGENTS

FERTILIZERS	FEEDING STUFFS	LINSEED OIL
PAINT	PUTTY	TURPENTINE
AGRICULTURAL LIME		

SPECIAL SAMPLES FOR RESIDENTS OF THE STATE

FEEDING STUFFS, \$1.00	LINSEED OIL, \$1.00
AGRICULTURAL LIME, \$1.00	

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LETTER OF TRANSMITTAL.

PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Bureau of Chemistry.

Harrisburg, Pa., May 17, 1922.

Hon. Fred. Rasmussen,

Secretary of Agriculture,

Harrisburg, Pa.

Dear Sir:—I have the honor to transmit herewith for your approval a report showing the results obtained by this Bureau during 1921 in carrying out the provisions of the law regulating the sale of Concentrated Commercial Feeding Stuffs. It includes the tabulated results of chemical analyses and microscopical examinations of each official sample received from the Special Sampling Agents, a discussion of the results of inspection and such additional information as was thought to be of interest.

It is recommended that this report be published in bulletin form for distribution.

Very respectfully,

JAMES W. KELLOGG,

Chief Chemist.



FEEDING STUFFS REPORT

1921

INTRODUCTION.

The information herewith presented constitutes a Feeding Stuffs Report for the calendar year 1921 and includes the results of chemical analyses and microscopical examination of the 1493 official samples obtained by special Agents from shipments found being stored, sold or offered for sale throughout the State by selling Agents and Dealers in 54 counties and 174 towns and cities. These samples represent 862 different kinds and brands of Feeding Stuffs manufactured by 295 different firms. Of the total number of brands represented, there were 116 not registered, as required, 79 of these being mixed feeds.

In addition to the official samples 461 special samples of Feeding Stuffs, together with the required fee of \$1.00 for each, were submitted by Pennsylvania selling Agents and Consumers for analysis and examination. Reports of the results obtained were promptly submitted in each case, together with receipts for fees and answers to inquiries, where requested, relative to labeling and registration. As the samples were analyzed for the purpose of checking claimed compositions, making examinations for the presence of suspected adulterants and arranging for registrations and proper guaranteeing, therefore being in the nature of private information, the results secured are not included in this Report.

The registrations submitted and accepted for 1921 sales included 3038 different kinds and brands. On May 11th, 1921, an amendment to the law became effective, requiring, with the exception of single grain chops and mixtures of whole and unground grains not having distinct trade or brand names, all Feeding Stuffs to be registered and a charge of \$25 made for each brand so registered and licensed for sale. Of the total number of such feeds registered, 2701 brands were received from 518 companies, previous to May 11th and subsequent to this date 169 companies registered 337 different kinds and brands of feeds, for which 209 licenses were issued for 1921 sales. Those brands which were not registered at the time of sampling

are indicated by an asterisk (*) in the large Table, showing results of analyses in detail. In a few of these cases so indicated, registrations had not been accepted where the guarantees for fiber are shown to be in excess of 12.1 per cent., the amount permitted in such mixtures, and as found printed upon labels, although the brands with correct fiber guarantees shown in applications had been accepted for registration.

Of the total number of samples analyzed 166, or 12.1 per cent., failed to meet their guarantees in either protein or fat or both of these nutrients, a slight reduction in the percentage of deficiencies compared with the 1920 feeds. All except 119 samples were obtained from shipments showing guarantees and of this number 13, or .95 per cent., were deficient in both protein and fat. The deficiencies in detail for each class of Feeding Stuffs, will be found in the paragraph which follows entitled "Guarantees and Deficiencies."

Of the total number of official samples examined, 1019, or 68.2 per cent, were of various grades or types of mixed feeds, the majority having proprietary or trade names and of this number 268, or 26.3 per cent, were found, upon microscopical examination, to vary in their composition from the ingredients claimed. These deficiencies in analyses and variations from composition show a diminution compared with the feeds examined for 1920. In those mixed feeds containing by-products where the fiber was restricted to 12.1 per cent., there were 47 samples, which were found to exceed the permitted amount, containing as high as from 3 to 8 per cent. excess crude fiber. There were, as will be noted, a great many cases where "over-ages" occurred and where the compositions were found to be "As certified" and the reduced number of discrepancies compared with those observed during the previous year's work, also correspondingly reduced the number of prosecutions, which amounted to approximately 2 per cent. of the total samples included.

The most noticeable difference, compared with the inspection work of 1920, was in the case of the retail selling prices, which in each group or class showed marked reductions for the feeds sold during the year covered by this report. These values varied for each class from 19 to 53 per cent. less than the average values reported for 1920. A comparison of these retail selling prices, will be found in Table II showing average analyses and retail prices.

The general character of the Feeds sold during the year, as represented by samples examined, was good because there was no evidence of concerted attempts to adulterate or misbrand feeds, although there were as above noted, a large proportion of deficiencies and variations in correctly stating list of ingredients than should occur, indicating much room for improvement in this respect.

The results of analyses of each group or class of feeds, where 2 or more samples were selected, were averaged and tabulated, and, together with the brand names, names and addresses of Manufacturers and selling Agents and guarantees found upon sacks or attached cards, will be found in the large Table No. III showing results of analyses in detail.

In the following pages will be found "Acknowledgments;" "Guarantees and Deficiencies;" Table I showing classification of samples analyzed with summary of the deficiencies; "Average Analyses and Retail Prices;" Table No. II showing average compositions and values and "Analyses of Official Samples of Feeding Stuffs Collected by Special Agents."

ACKNOWLEDGMENTS.

The immediate supervision of the analytical work was in charge of Mr. V. B. Hausknecht, First Assistant Chemist, and Mr. H. E. Gensler had charge of the reception and preparation of samples, examined each sample received microscopically and made check determinations where necessary on portions of original samples. The following assistant chemists performed the analytical work: Messrs. G. J. Kuhlmann, Jr., F. B. Williams, C. R. Engle, R. L. Houtz, William F. Boath. Mr. W. W. Cassel prepared the samples for analyses and Mr. W. E. Huber, Clerk, had charge of the compilations and preparations of tables and the major portion of the work in preparing the data for this report.

GUARANTEES AND DEFICIENCIES.

With the exception of single grain meals or chop feeds, made by grinding whole grain and mixtures of whole and unground grains, which do not have distinct trade or brand names, all feeding stuffs are required by the law, as amended May 11th, 1921, to be labeled, in addition to brand names and lists of ingredients, with guarantees for Protein, fat and fiber. Previous to the amendment guarantees for wheat, rye and buckwheat offals and mixtures of whole and ground grains were not required to be so guaranteed, which will illustrate why many of the shipments, represented by the samples included in this report, do not show guaranteed analyses. Such shipments, for the most part, included those classed as **Miscellaneous Chop Feeds**.

A few of the samples, however, where guarantees were not shown, were obtained subsequent to the requirements for guaranteeing. Of the 1493 samples received, 119 were selected from shipments which were not guaranteed and those having guarantees, 166, or 12.1 per cent., were deficient in either protein and fat or both, a decrease of 2 per cent in the total deficiencies reported for the feeds examined during 1920. The samples classed as being deficient were those where the protein was found to be 1 per cent or more and the fat .50 per cent or more below their guarantees. There were 13, or .95 per cent., of the samples deficient in both protein and fat, 84, or 6.1 per cent., deficient in protein alone, and 69, or 5 per cent., deficient in fat alone. On the basis of the total deficiencies there were 97, or 7.1 per cent., deficient in protein and 82, or 6 per cent., deficient in fat. Compared with the deficiencies found in the samples representing those analyzed during 1920, there was about the same proportion of failures to meet guarantees, there being a slight decrease in the number of the total deficiencies in protein and a slight increase in the number of total deficiencies in fat. In the case of the mixed feeds containing such by-products as cottonseed hulls, oat hulls, clipped oat by-product, oat meal mill by-product and flax plant refuse, where the maximum content of fiber is restricted to 12.1 per cent., there were 47 samples, which, upon analysis, were found to contain 16.85 per cent. in the Stock, Horse & Mule Feeds, and 19.80 per cent. in the Dairy Feeds, 20.13 per cent. in the Dairy Feeds with Molasses, 16.85 per cent. in the stock, Horse & Mule Feeds, and 19.80 per cent. in the case of Stock, Horse & Mule Feeds with Molasses. Of the same classes of mixed feeds there were 165 samples, where, upon microscopical examination, the list of ingredients were found to vary from the certified compositions. In the case of the Dairy Feeds with Molasses there were 41 samples in which small amounts of whole weed seeds were found present, 7 containing mustard oil cake meal, considered as an adulterant. In the Dairy Feeds not containing molasses, 3 contained small amounts of whole weed seeds, 5 peanut hulls and 4 mustard oil cake meal. Of the Stock, Horse and Mule Feeds there were 29 variations from claimed compositions and in this class of feeds containing molasses 19 showed variations in their list of ingredients and 11 contained small amounts of whole weed seeds. Of the class of Proprietary Poultry Feeds the Scratch Feeds showed, upon examination, 43 cases where the certified compositions were incorrect and 46 contained small amounts of whole weed seeds, and 9 a large amount of whole weed seeds. The Mash Feeds showed 60 variations from claimed ingredients and 14 contained small amounts of whole weed seeds. This number of deficiencies and variations from ingredients does not show much improvement in this

respect over the feeds examined during 1920 and indicates much needed room for improvement. In the following Table, (No. 1), will be found the classifications according to the several grades and types of feeding stuffs received and examined, the number of samples in each, the number guaranteed and the number found deficient in both protein and fat, in protein alone and in fat alone.

TABLE I.—CLASSIFICATION OF SAMPLES ANALYZED AND SUMMARY OF DEFICIENCIES.

Name of Feeding Stuffs.	Number of samples analyzed.	Number of samples guaranteed.	Deficient in protein and fat.	Deficient in protein alone.	Deficient in fat alone.
Cottonseed meal, -----	72	72	-----	8	1
Cottonseed feed, -----	34	34	-----	8	-----
Linseed oil meal, O. P., -----	42	42	-----	4	-----
Corn oil meal, -----	1	1	-----	-----	-----
Distillers' dried grains (largely from corn), -----	4	4	-----	1	-----
Distillers' and yeast dried grains, -----	1	1	-----	-----	-----
Brewers' dried grains, -----	3	3	-----	-----	1
Corn gluten meal, -----	1	1	-----	-----	-----
Corn gluten feed, -----	34	34	-----	2	1
Hominy feed, -----	24	24	-----	1	2
Corn bran, -----	1	1	-----	-----	-----
Corn feed meal, -----	3	1	-----	-----	-----
Wheat bran, -----	55	50	-----	-----	1
Mixed feed: wheat by-products, -----	23	23	-----	-----	1
Standard wheat middlings, -----	14	14	-----	-----	-----
Wheat flour middlings, -----	17	16	-----	-----	-----
Brown shorts, -----	6	5	-----	-----	-----
Gray shorts, -----	5	4	-----	1	-----
White shorts, -----	16	12	-----	-----	1
Low grade flour, -----	10	10	-----	-----	3
Rye middlings, -----	4	4	-----	-----	-----
Mixed feed: rye by-products, -----	1	-----	-----	-----	-----
Wheat and rye offals, -----	8	8	-----	-----	-----
Oat feed, -----	3	3	-----	-----	-----
Barley mixed feed, -----	1	1	-----	-----	-----
Buckwheat middlings, -----	5	1	-----	-----	-----
Buckwheat feed, -----	2	2	-----	-----	-----
Alfalfa meal, -----	9	9	-----	-----	-----
Dried beet pulp, -----	13	13	-----	-----	-----
Proprietary dairy feed, -----	151	149	-----	9	9
Proprietary dairy feed with molasses, -----	96	96	1	11	4
Proprietary stock, horse and mule feed, -----	106	105	3	3	15
Proprietary stock, horse & mule feed with molasses, -----	175	174	2	14	7
Proprietary calf meal, -----	8	8	1	-----	1
Proprietary swine feed, -----	46	44	1	3	2
Proprietary and miscellaneous chop feed, -----	102	34	-----	1	2
Miscellaneous feed, -----	6	3	-----	1	-----
Proprietary poultry feed:					
Scratch Feed, -----	208	191	2	2	13
Mash feed, -----	121	116	1	2	1
Animal by-products:					
Blood meal, -----	2	2	-----	-----	-----
Meat and bone scrap, -----	42	42	-----	9	1
Tankage, -----	13	13	2	3	2
Poultry bone, -----	2	2	-----	-----	-----
Condimental stock and poultry food, -----	3	2	-----	1	-----
Total, -----	1,493	1,374	13	84	69

AVERAGE ANALYSES AND RETAIL PRICES.

The average analyses of the samples of the several groups of feeding stuffs, as classified in the preceding Table compared with the average results of the same classes analyzed during 1920, show no marked differences. A comparison, however, of these feeds with those of last year, where the results of more than a few samples were averaged and where any noticeable differences occurred, will show that the average fiber in the Cottonseed Meals, Wheat Mixed Feeds, Dairy Feeds with Molasses and Stock, Horse and Mule Feeds with Molasses, was lower, that the protein in the Calf Meals was higher and that the Tankage averaged higher in protein and lower in fat.

The average retail selling prices reported for 1920 greatly exceeded the 1919 values, whereas the average retail values for all classes of feeds, examined during 1921, showed marked reductions compared with those reported as prevailing for 1920. The percentage decreases in prices ranged from 19.6 per cent., in the case of Proprietary Calf Meal, to 52.1 per cent., in the case of Distillers' and Yeast Dried Grains where only 1 sample was included. The percentage decreases in values in the case of those classes where the larger number of samples were averaged, were 39.7 for cottonseed meal, 40.2 for cottonseed feed, 37.0 for linseed oil meal, 38.2 for corn gluten feed, 42.5 for wheat bran, 40.0 for the several grades of wheat middlings, 34.6 for dairy feeds 35.1 for dairy feeds with molasses, 41.2 for stock, horse and mule feeds, 38.3 for stock, horse and mule feeds with molasses, 40.1 for swine feeds, 38.3 for poultry scratch feeds, 23.7 for poultry mash feeds, 22.2 for meat and bone scrap and a 27.3 per cent. decrease for tankage. In order that the average analyses of the several groups of feeds might be compared, the results were tabulated and are included in Table II, which follows, together with the retail selling prices and including the average retail values reported for 1920, from which comparisons can be had, showing the decreases in selling values.

TABLE II.—AVERAGE ANALYSES AND RETAIL PRICES.

Name of Feeding Stuff.	Number of samples analyzed.	Protein.	Fat.	Fiber.	Price per ton 1921.	1920 ton values.
		%	%	%	\$	\$
Cottonseed meal, -----	72	42.58	7.80	8.36	51 35	85 13
Cottonseed feed, -----	34	35.70	6.88	12.63	47 89	80 07
Linseed oil meal, O. P., -----	42	33.33	6.82	8.15	54 19	85 92
Corn oil meal, -----	1	23.59	9.91	9.05	54 00	-----
Distillers' dried grains (largely from corn), ----	4	30.02	10.60	13.50	46 00	60 00
Distillers' and yeast dried grains, -----	1	21.91	6.55	17.99	29 00	60 60
Brewers' dried grains, -----	3	24.50	5.95	14.65	48 40	69 00
Corn gluten meal, -----	1	41.00	2.46	1.93	47 00	80 10
Corn gluten feed, -----	34	24.85	2.56	7.11	46 00	71 48
Hominy feed, -----	24	10.77	6.71	4.15	38 38	49 46
Corn bran, -----	1	10.63	4.57	9.10	34 00	67 00
Corn feed meal, -----	3	9.17	3.49	3.00	34 60	69 67
Wheat bran, -----	55	16.18	5.07	9.61	33 94	59 02
Mixed feed: wheat by-products, -----	23	17.27	5.42	7.30	41 00	57 00
Standard wheat middlings, -----	14	17.26	5.62	8.10	40 60	65 14
Wheat flour middlings, -----	17	16.74	5.16	5.91	41 40	72 51
Brown shorts, -----	6	17.81	5.11	5.93	33 67	-----
Gray shorts, -----	5	16.91	5.27	4.96	40 00	-----
White shorts, -----	16	16.34	4.14	3.33	42 60	-----
Low grade flour, -----	10	17.88	4.42	2.81	47 80	79 00
Rye middlings, -----	4	16.08	3.55	4.79	35 80	64 20
Mixed feed: rye by-products, -----	1	15.44	2.80	3.82	29 00	-----
Wheat and rye offals, -----	8	15.98	4.79	7.15	39 80	54 00
Oat feed, -----	3	6.90	2.90	24.06	22 33	39 75
Barley mixed feed, -----	1	13.31	3.18	3.51	35 00	64 60
Buckwheat middlings, -----	5	24.88	6.76	11.68	48 00	55 00
Buckwheat feed, -----	2	17.47	4.56	19.01	30 00	50 00
Alfalfa meal, -----	9	14.77	1.75	30.13	45 44	62 20
Dried beet pulp, -----	13	9.33	0.85	18.77	45 84	65 76
Proprietary dairy feed, -----	151	22.86	5.26	9.46	49 40	75 53
Proprietary dairy feed with molasses, -----	96	20.25	4.83	10.49	45 32	69 73
Proprietary stock, horse and mule feed, -----	106	10.15	3.61	9.84	40 13	68 26
Proprietary stock, horse and mule feed with molasses, -----	175	9.99	2.71	9.44	43 18	69 55
Proprietary calf meal, -----	8	27.00	4.54	4.21	93 60	116 40
Proprietary swine feed, -----	46	18.21	5.03	6.79	51 41	85 81
Proprietary poultry feed:						
Scratch feed, -----	208	10.29	2.24	2.79	55 97	80 69
Mash feed, -----	121	19.18	5.04	7.04	69 99	91 80
Animal by-products:						
Blood meal, -----	2	84.67	0.64	0.92	145 00	150 00
Meat and bone scrap, -----	42	50.51	12.28	1.68	98 76	127 00
Tankage, -----	13	55.42	8.49	2.87	86 69	119 20
Poultry bone, -----	2	26.19	2.84	4.18	82 60	-----
Condimental stock and poultry food, -----	3	10.58	4.52	11.25	206 67	-----

REGISTRATION REQUIREMENTS.

With the exception of mixtures of whole grains, labeled or sold as MIXED GRAINS FOR POULTRY, and a meal or chop feed made by grinding a whole grain, every brand and kind of feeding stuffs, before being offered for sale, is required to be registered for each calendar year or portion thereof and a license fee of \$25 paid for each brand. The feeds, therefore, which are required to be registered as well as labeled, include all mixtures composed of one or more ingredients, pure wheat, rye and buckwheat brans and middlings and chop feeds made by grinding together corn and oats and other grains. Registrations should be submitted before or on January 1st of each

year, or before sales are made, on special forms supplied for such purposes and should be accompanied with certified checks made payable to the STATE TREASURER for the required amount. Upon receipt and approval of applications for registrations, licenses are issued showing the amount of moneys paid and the brands and kinds of feeds registered. Registration forms and information relative to requirements, will be furnished upon application.

ANALYSES OF SPECIAL SAMPLES OF FEEDING STUFFS RECEIVED FROM MANUFACTURERS AND PURCHASERS LOCATED IN PENNSYLVANIA.

There were 461 special samples of feeding stuffs received for analyses and examination, together with the fee of one dollar (\$1.00) for each, which was required to be charged, from manufacturers and purchasers located in Pennsylvania. Each of these samples were analyzed and reports of the results secured, together with receipts for fees, were submitted to the senders promptly after the completion of analyses, together with answers to inquiries relative to labeling and registration where required. As these special samples were examined for the purpose of determining the correctness of guarantees found upon sacks or attached cards, to arrive at proper guarantees for registering and labeling and for the presence or absence of suspected adulterants, the information secured being in the nature of private information, the results of analyses were not included in this Report.

DIRECTION FOR ANALYSIS OF SPECIAL SAMPLES.

Residents of Pennsylvania who manufacture, sell, purchase or make use of feeding stuffs may have samples analyzed by the Bureau for a fee of one dollar (\$1.00), determinations being made for protein, fat and fiber. In cases where the presence of adulterants or foreign materials are suspected examinations will also be made upon request. Those who desire to have this work done, in submitting samples for analysis should proceed as follows:

Amount of Sample: A sample containing about one-half pound of feed should be submitted for analysis. It should be carefully secured from several sacks, or if in bulk from several different places in the bin, placed on a clean oil-cloth or paper, thoroughly mixed and subdivided by halving and quartering until the desired amount is obtained. The sample should then be placed in a bottle, carton or large mailing envelope usually used for such purposes and plainly marked for transportation showing the name of sender and name or number of the feed. When two or more samples are submitted, especially if they are similar in composition and appearance, they should be marked so that they can be properly listed and identified and in such a manner as to avoid any chance of error.

Charge for Analysis: A fee of one dollar (\$1.00), is charged for each sample analyzed, determinations being made for protein, fat and fiber, and should be in the form of checks or money orders made payable to the STATE TREASURER, or cash and sent with a letter requesting the analysis to be made.

Address: Both samples and letters enclosing fees should be addressed and forwarded to the Bureau of Chemistry, Pennsylvania Department of Agriculture, Box 108, Harrisburg, Pa.

ANALYSES OF OFFICIAL SAMPLES OF FEEDING STUFFS COLLECTED BY SPECIAL AGENTS.

The results of chemical analyses and the microscopical examinations of each official sample of feeding stuffs obtained during 1921 by the Special Agents of the Department have been tabulated and arranged in classes or groups for comparison in Table III, which follows, like feeds and brands being placed together and where two or more samples of the same kind, brand or class were analyzed, the average results are shown. The samples are included in the order of classification indicated in Table I and are placed in alphabetical order of the names of Manufacturers or Importers and brand names. In addition to the results of examination, the names and addresses of the selling Agents or Dealers from whom the samples were secured, the guarantees found upon sacks or attached cards and the selling prices at the rate of 100 lbs. or a ton are shown. The several classes of feeds will be found in the Table under the following general headings and sub-headings:

OIL CAKE MEALS including cottonseed meal, cottonseed feed, old process linseed oil meal and corn oil meal.

DISTILLERY AND BREWERY BY-PRODUCTS including distillers' dried grains largely from corn, distillers and yeast dried grains and brewers' dried grains.

MAIZE BY-PRODUCTS including corn gluten meal, corn gluten feed, hominy feed, corn bran and corn feed meal.

WHEAT OFFALS (With and without Ground Grain Screenings) including wheat bran, mixed feed: wheat by-products, standard wheat middlings, wheat flour middlings, brown shorts, gray shorts and low grade flour.

RYE OFFALS including rye middlings and rye mixed feed.

WHEAT AND RYE OFFALS including wheat and rye middlings and wheat mixed feed and rye middlings.

OAT BY-PRODUCTS including oat feed.

BARLEY OFFALS including barley mixed feed.

BUCKWHEAT OFFALS including buckwheat middlings and buckwheat feed.

ALFALFA MEAL.

DRIED BEET PULP.

MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS. Including proprietary dairy feed, proprietary dairy feed with molasses, proprietary stock, horse and mule feed, proprietary stock, horse and mule feed with molasses, proprietary calf meal, proprietary swine feed, proprietary miscellaneous chop feed, miscellaneous feed and proprietary poultry feed.

ANIMAL BY-PRODUCTS including blood meal, meat and bone scrap, tankage and poultry bone.

CONDIMENTAL STOCK AND POULTRY FOOD.



TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed
OIL CAKE PRODUCTS.					
COTTONSEED MEAL.					
THE AMERICAN COTTON OIL Co., NEW YORK, N. Y.					
8177	Aco Brand, -----	Co-operative Grange Milling Co., Titusville.	6.60	39.69	41.18
8049	Longhorn Brand Prime, -----	Good's City Mills, Williamsport.	8.39	40.44	43.00
7488	Longhorn Brand Prime, -----	Johnstown Milling Co., Johnstown.	7.35	43.13	43.00
8146	Longhorn Brand Prime, -----	Linesville Coal, Lime & Cement Co., Linesville.	6.22	46.19	43.00
		Average, -----	7.32	43.26	-----
ASHCRAFT-WILKINSON CO., ATLANTA, GA.					
7753	Helmet Brand Prime, -----	Dayton Milling Co., Towanda.	5.97	42.81	41.00
7725	Monarch Brand Choice Prime, -----	Farmers' Co-operative Union, Mansfield.	6.77	43.25	43.00
THE J. E. BARTLETT CO., JACKSON, MICH.					
7606	Bartlett's Farmer Brand Choice, ----	Roy J. Dunham, Wellsboro.	8.20	43.50	43.00
6579	Bartlett's Farmer Brand Choice, ----	F. E. Farabaugh, Patton.	6.02	44.81	43.00
7818	Bartlett's Farmer Brand Choice, ----	F. E. Farabaugh, Patton.	7.27	43.88	43.00
8018	Bartlett's Farmer Brand Choice, ----	Sterling & Sherwood, Meshoppen.	9.02	42.19	43.00
		Average, -----	7.62	43.60	-----
F. W. BRODE & CO., MEMPHIS, TENN.					
7792	Owl Brand High Grade, -----	F. H. Hagerman, Towanda.	7.15	42.44	41.00
7319	Owl Brand High Grade, -----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	7.91	40.94	41.00
7199	Owl Brand High Grade, -----	Tyrone Milling Co., Tyrone.	8.87	41.38	41.00
7396	Owl Brand High Grade, -----	Wolfe & Huffman, Watsontown.	7.75	39.25	41.00
		Average, -----	7.92	41.00	-----
S. P. DAVIS, LITTLE ROCK, ARK.					
6876	Good Luck Brand, -----	Claude Davis, Windber.	7.02	41.25	41.00
6891	Good Luck Brand, -----	Swope Brothers, Johnstown.	6.07	37.63	41.00
		Average, -----	6.54	39.44	-----
7645	Steer Boy Brand, -----	H. J. Klingler & Co., Butler.	6.07	44.44	43.00
7389	Steer Boy Brand, -----	C. H. McMahon, Milton.	6.44	44.00	43.00
8086	Steer Boy Brand, -----	Donato Prioletti, New Castle.	7.35	42.19	43.00
		Average, -----	6.62	43.54	38.5-
EAST ST. LOUIS COTTON OIL CO., NATIONAL STOCK YARDS ILL.					
8137	*East St. Louis Brand, -----	Sherman Milling Co., Meadville.	7.23	40.00	41.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.23	7.00	9.27	10.00	2 75	-----	Cottonseed meal, -----	5177
6.90	6.00	11.88	12.00	2 75	-----	Cottonseed meal, -----	5049
7.55	6.00	7.03	12.00	2 60	-----	Cottonseed meal, -----	7488
7.42	6.00	5.27	12.00	2 60	-----	Cottonseed meal, -----	5146
7.29	-----	8.06	-----	2 65	-----		
7.46	6.00	9.50	10.00	2 50	Made from upland cottonseed.	As certified, -----	7753
8.45	6.00	6.99	10.00	2 75	Made from upland cottonseed.	As certified, -----	7725
9.74	7.00	8.39	10.00	2 50	-----	Cottonseed meal, -----	7606
6.17	7.00	9.92	10.00	55.00	-----	Cottonseed meal, -----	6879
6.57	7.00	10.78	10.00	3 25	-----	Cottonseed meal, -----	7318
7.25	7.00	5.95	10.00	2 50	-----	Cottonseed meal, -----	8018
7.43	-----	8.76	-----	55 00			
9.09	6.00	6.88	10.00	2 35	Made from cottonseed,	As certified, -----	7792
7.97	6.00	10.45	10.00	42 00	Made from cottonseed,	As certified, -----	7319
7.78	6.00	8.92	10.00	2 40	Made from cottonseed,	As certified, -----	7199
7.87	5.00	12.02	10.00	2 50	Made from cottonseed,	As certified, -----	7396
8.18	-----	9.56	-----	46 75			
8.42	6.00	6.40	9.00	55 00	Made from decorticated cottonseed.	As certified, -----	6876
8.45	6.00	11.91	9.00	2 75	Made from decorticated cottonseed.	Cottonseed meal and excessive amount of hulls.	6891
8.44	-----	9.15	-----	55 00			
7.13	6.00	7.03	10.00	2 50	Made from decorticated cottonseed.	As certified, -----	7645
7.84	6.00	5.66	10.00	2 50	Made from decorticated cottonseed.	As certified, -----	7389
9.21	6.00	5.65	10.00	2 75	-----	Cottonseed meal, -----	8086
8.66	-----	6.13	-----	2 58			
7.78	6.0-7.5	8.01	12.00	2 50	-----	Cottonseed meal, -----	5137

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
8300	EASTERN COTTON OIL CO., NORFOLK, VA. Perfection, -----	Ezl. Dunwoody Co., Philadelphia.	5.70	44.13	41.00
7337	Perfection, -----	John W. Eshelman & Sons, Lancaster.	3.34	41.44	41.00
8853	Perfection, -----	C. C. Hipple & Son, West Chester.	5.82	43.75	41.00
7838	Perfection, -----	Muth Brothers, Eliza- bethtown.	7.60	40.19	41.00
8154	Perfection, -----	Rice & Jones, Lebanon,	6.07	40.88	41.00
7299	Perfection, -----	West Willow Farmers' Association, Inc.	3.92	38.88	41.00
		Average, -----	5.40	41.55	-----
7584	FEEDERS' SUPPLY CO., KANSAS CITY, MO. *Equity Brand, -----	Heigh Street Mill, Kit- tanning.	6.57	44.13	43.00
7381	FIDELITY PRODUCTS CO., HOUS- TON, TEXAS. *Fidelity Brand Prime, -----	George B. Phillips, Mil- ton.	7.31	45.06	43.00
7221	GAINESVILLE COTTON OIL CO., GAINESVILLE, TEXAS *Ordinary, -----	Juniata Feed & Flour Co., Tyrone.	7.85	43.19	43.00
7339	W. D. HALL COMPANY, ATLAN- TA, GA. Choice, -----	John W. Eshelman & Sons, Lancaster.	5.91	43.44	43.00
7390	Choice, -----	C. H. McMahon, Milton,	7.09	43.75	43.00
7198	Choice, -----	Tyrone Milling Co., Ty- rone.	6.80	45.25	43.00
		Average, -----	6.60	44.15	-----
7772	HAYES GRAIN & COMMISSION CO., LITTLE ROCK, ARK. Hayes Brand, -----	John G. Emert, Somer- set.	8.67	43.69	43.00
7374	HUMPHREYS-GODWIN COMPANY, MEMPHIS, TENN. Bull Brand, -----	Blank & Gottshall Com- pany, Inc., Sunbury.	6.87	42.75	43.00
7508	Bull Brand, -----	Brown & Fassett, Tunk- hannock.	6.88	44.75	43.00
7740	Bull Brand, -----	Farmers' Co-operative Mercantile Co., Skin- ners Eddy.	6.45	42.44	43.00
8167	Bull Brand, -----	New Model Milling Co., Oil City.	7.32	44.06	43.00
7777	Bull Brand, -----	The H. W. Walker Co., Somerset.	7.20	44.31	43.00
8271	Bull Brand, -----	George M. Witmer & Son, Selinsgrove.	6.00	43.75	43.00
		Average, -----	6.78	43.68	-----
7538	Dixie Brand, -----	Brown & Fassett, Mont- rose.	7.50	37.25	41.00
7857	Dixie Brand, -----	J. B. Curry Estate, Swatara.	8.27	41.50	41.00
7639	Dixie Brand, -----	Elkland Roller Mills, Elkland.	7.20	40.88	41.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.85	5.50	7.61	10.00	2 45	Made from upland cottonseed.		
8.55	5.50	10.74	10.00	47 00	Made from upland cottonseed.	As certified, ----- As certified, -----	7337 8300
7.57	5.50	4.42	10.00	51 00	Made from upland cottonseed.	As certified, -----	8353
6.84	5.50	9.76	10.00	2 55	Made from upland cottonseed.	As certified, -----	7838
6.85	5.50	11.17	10.00	2 00	Made from upland cottonseed.	As certified, -----	8154
7.29	5.50	12.03	10.00	45 00	Made from upland cottonseed.	Cottonseed meal and excessive amount of hulls.	7299
7.49	-----	9.28	-----	47 17			
7.81	6.50	6.05	11.00	2 40	Made from decorticated cottonseed.	As certified, -----	7584
8.75	6.00	5.04	12.00	2 50	-----	Cottonseed meal, ----	7381
9.10	6.00	8.85	12.00	3 00	-----	Cottonseed meal, ----	7221
7.32	6.00	7.24	10.00	47 00	Made from upland cottonseed.	As certified, -----	7339
7.79	6.00	6.99	10.00	2 50	Made from upland cottonseed.	As certified, -----	7390
7.61	6.00	7.77	10.00	2 40	Made from upland cottonseed.	As certified, -----	7198
7.57	-----	7.33	-----	48 33			
8.53	6.50	4.59	9.50	2 50	Pressed cottonseed, ---	As certified, -----	7772
7.10	5.00	9.42	10.00	2 50	Made from pressed cottonseed.	As certified, -----	7374
8.74	5.00	5.25	10.00	2 70	Made from pressed cottonseed.	As certified, -----	7508
6.80	5.00	8.71	10.00	2 75	Made from pressed cottonseed.	As certified, -----	7740
7.47	5.00	7.95	10.00	3 00	Made from pressed cottonseed.	As certified, -----	8167
7.44	5.00	7.60	10.00	2 50	Made from pressed cottonseed.	As certified, -----	7777
7.98	5.00	7.18	10.00	2 75	Made from pressed cottonseed.	s e r t i f i e d, -----	8271
7.59	-----	7.68	-----	2 70			
7.14	5.00	11.43	10.00	2 60	-----	Cottonseed meal and excessive amount of hulls.	7538
8.01	5.50	7.05	10.00	2 20	-----	Cottonseed meal, ----	7857
8.33	5.50	7.39	10.00	2 50	-----	Cottonseed meal, ----	7639

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7078	Dixie Brand, -----	Paxton Flour & Feed Co., Harrisburg.	% 8.75	% 38.25	% 41.00
7472	Dixie Brand, -----	Paxton Flour & Feed Co., Progress.	8.14	38.81	41.00
		Average, -----	7.57	39.34	-----
8046	Forfat Brand, -----	King Feed Company, Williamsport.	9.24	38.13	38.62
8087	Forfat Brand, -----	Miner-Hillard Milling Co., Plymouth.	6.95	38.75	38.55
8172	Forfat Brand, -----	Tionesta Milling Co., Tionesta.	7.40	41.06	38.55
		Average, -----	7.86	39.31	-----
7406	ITALY COTTON OIL COMPANY, ITALY, TEXAS. *Ordinary, -----	Cash Feed & Supply Co., Huntingdon.	7.03	45.00	43.00
7701	THE LARROWE MILLING CO., DETROIT, MICH. Larowe Brand Choice, -----	S. P. Shupe Estate, Mt. Pleasant.	7.70	42.44	43.00
7491	Larowe Brand Choice, -----	Swope Brothers, Johnstown.	7.78	45.13	45.00
	L. B. LOVITT & CO., MEMPHIS, TENN.	Average, -----	7.74	43.79	-----
8013	Lovit Brand, -----	C. B. Tyler, Meshoppen.	7.24	41.69	41.00
7635	Neal's Choice, -----	H. Z. Pride & Son, Westfield.	6.47	46.56	43.00
7391	Neal's Choice, -----	C. H. McMahon, Milton.	6.98	47.56	43.00
6933	Neal's Choice, -----	J. M. Wyckoff, East Stroudsburg.	6.72	44.69	43.00
		Average, -----	6.72	46.27	-----
7576	C. L. MONTGOMERY & CO., MEMPHIS, TENN. *Canary Extra Brand, -----	Wm. Gates Estate, Kittanning.	8.09	40.25	41-43
6883	W. C. NOTHERN, MEMPHIS, Tenn. Bee Brand, -----	J. H. Hershberger & Son, Johnstown.	7.60	42.69	41.00
7752	Queen Bee Brand, -----	Dayton Milling Co., Towanda.	7.17	43.75	43.00
7443	OSAGE COTTON OIL CO., KANSAS CITY, MO. Silo Brand Special Quality, -----	George B. Miller, Hollidaysburg.	7.63	43.75	43.00
6878	PLANTERS OIL MILL & GIN COMPANY, KOSCIUSKO, MISS. *Planters Brand, -----	H. C. McWilliams, Ebensburg.	6.20	41.69	41.00
7375	J. M. SANSOM & COMPANY, DALLAS, TEXAS. Sansom's Choice 43, -----	Blank & Gottshall Company, Inc., Sunbury.	6.55	43.81	43.00
7138	SOUTHLAND COTTON OIL CO., PARIS, TEXAS. *Climax Brand, -----	Corry Milling & Supply Co., Inc., Corry.	7.02	44.25	43.00
6898	*Climax Brand, -----	H. J. Klingler & Co., Butler.	6.77	43.75	43.00
		Average, -----	6.89	44.00	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.54	5.50	10.82	10.00	2 50	-----	Cottonseed meal and excessive amount of hulls.	7078
7.55	5.50	10.42	10.00	2 45	-----	Cottonseed meal, -----	7472
7.71	-----	9.42	-----	2 45			
5.92	5.00	12.66	12.00	3 00	Made from pressed cottonseed.	Cottonseed meal and excessive amount of hulls.	8046
7.22	5.00	9.88	12.00	2 85	Made from pressed cottonseed.	As certified, -----	8087
6.87	5.00	9.40	12.00	2 50	Made from pressed cottonseed.	As certified, -----	8172
6.67	-----	10.64	-----	2 78			
8.68	6.00	5.72	12.00	2 25	-----	Cottonseed meal, -----	7406
8.04	6.00	8.25	10.00	2 50	Decorticated cottonseed,	As certified, -----	7704
7.97	6.00	8.17	10.00	2 75	Decorticated cottonseed,	As certified, -----	7491
8.01	-----	8.19	-----	2 63			
7.01	6.00	9.21	10.00	2 65	Decorticated cottonseed,	As certified, -----	8013
6.83	6.00	8.65	10.00	2 50	-----	Cottonseed meal, -----	7635
9.72	6.00	6.82	10.00	2 50	-----	Cottonseed meal, -----	7391
7.57	6.00	8.62	10.00	2 50	-----	Cottonseed meal, -----	6933
8.04	-----	8.03	-----	2 50			
10.00	6-9	7.55	8-10	2 50	Decorticated cottonseed,	As certified, -----	7576
9.25	6.00	9.97	12.00	3 00	Made from pressed cottonseed.	As certified, -----	6883
8.32	6.50	7.59	10.00	2 60	Made from pressed cottonseed.	As certified, -----	7752
6.74	7.00	8.79	12.00	2 25	Product of cottonseed,	Cottonseed meal, -----	7443
6.94	4.50	9.63	25.00	51 00	Prime cottonseed meal and cottonseed hulls.	Cottonseed meal, -----	6878
9.17	6.00	8.51	10.00	2 50	Made from decorticated cottonseed.	As certified, -----	7375
7.68	6.00	6.65	10.00	2 25	Made from sound decorticated cottonseed.	As certified, -----	7138
8.58	6.00	7.29	12.00	3 20	Made from sound decorticated cottonseed.	As certified, -----	6898
8.13	-----	6.97	-----	2 73			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7802	TEXAS CAKE & LINTER CO., DALLAS, TEXAS. Texoma Brand Prime, -----	Farmers' Co-operative Co., Inc., Wysox.	% 7.10	% 43.56	% 43.00
6916	WACO COTTON OIL MILL, WACO, TEXAS. *Ordinary, -----	George Walter & Sons, Butler.	7.42	42.38	43.00
7655	*Ordinary, -----	George Walter & Sons, Butler.	7.20	43.31	43.00
	A. C. WESTERVELT & CO., MEMPHIS, TENN.	Average, -----	7.31	42.85	-----
7338	Planet Brand, -----	John W. Eshelman & Sons, Lancaster.	6.01	43.75	43.00
7462	Planet Brand, -----	S. A. Fishburn, Pax- tonia.	6.32	42.25	43.00
		Average, -----	6.16	43.60	-----
7063	Star Brand, -----	Earley & Detweiler, Pal- myra.	7.72	42.56	41.00
8354	Star Brand, -----	C. C. Hipple & Son, West Chester.	7.42	41.50	41.00
7271	Star Brand, -----	The Mandeville Co., Wilkes-Barre.	7.63	41.19	41.00
	E. H. YOUNG CO., INC., FORT WORTH, TEXAS	Average, -----	7.59	41.75	-----
7068	*Young's Forty-Three Prime, ----	John B. Curry's Sons, Palmyra.	7.15	43.69	43.00
7593	*Young's Forty-Three Prime, ----	Farmers' Co-operative Union, Wellsboro.	8.17	46.88	43.00
		Average, -----	7.66	45.29	-----
		Total average, ----	7.07	42.58	-----
COTTONSEED FEED.					
6944	THE AMERICAN COTTON OIL CO., NEW YORK, N. Y. Surety Brand, -----	Flory Milling Co., Inc., Bangor.	9.15	36.00	36.00
7709	Surety Brand, -----	Hockey & McCurdy, Scottdale.	7.62	36.38	36.00
7110	Surety Brand, -----	Warren City Mills, Warren.	8.82	37.50	36.00
	ASHCRAFT-WILKINSON CO., AT- LANTA, GA.	Average, -----	8.53	36.63	-----
6945	Paramount Brand, -----	Flory Milling Co., Inc., Bangor.	7.77	38.19	36.00
7122	THE J. E. BARTLETT CO., JACK- SON, MICH. Bartlett's Farmer Brand, -----	Hammond Elevator Co., Corry.	9.05	33.69	36.00
6912	F. W. BRODE & CO., MEMPHIS, TENN.	H. F. Gelbach, Evans City.	8.27	37.69	36.00
6907	Jay Brand, -----	Thompson & Glenn, Butler.	8.72	38.13	36.00
		Average, -----	8.49	37.91	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.64	6.00	7.08	10.00	2 75	-----	Cottonseed meal, -----	7802
7.00	6.00	9.22	12.00	74 00	-----	Cottonseed meal, -----	6916
6.88	6.00	9.10	12.00	2 50	-----	Cottonseed meal, -----	7655
6.94	-----	9.16	-----	62 00			
8.87	6.00	7.85	10.00	47 00	Made from pressed cottonseed.	As certified, -----	7338
8.55	6.00	9.54	10.00	2 50	Made from pressed cottonseed.	As certified, -----	7462
8.71	-----	8.69	-----	48 50			
7.40	5.50	10.56	10.00	2 25	Made from pressed cottonseed.	As certified, -----	7063
8.88	5.50	7.48	10.00	51 00	Made from pressed cottonseed.	As certified, -----	8354
7.73	5.50	7.17	10.00	2 30	Made from pressed cottonseed.	As certified, -----	7271
8.00	-----	8.40	-----	47 33			
7.08	5.00	9.75	12.00	2 30	-----	Cottonseed meal, -----	7008
7.04	5.00	7.59	12.00	2 50	-----	Cottonseed meal, -----	7593
7.06	-----	8.67	-----	2 40			
7.80	-----	8.36	-----	51 35			
7.05	5.50	15.35	14.00	2 50	Composed of cottonseed meal and cottonseed hulls.	As certified, -----	6944
6.78	5.50	11.35	14.00	2 75	-----	Cottonseed meal and cottonseed hulls.	7709
7.18	5.50	12.31	14.00	2 30	Composed of cottonseed meal and cottonseed hulls.	As certified, -----	7110
7.00	-----	13.00	-----	2 52			
8.03	5.50	9.44	14.00	2 50	Made from cottonseed meal and cottonseed hulls.	As certified, -----	6943
6.21	5.00	21.56	16.00	2 00	-----	Cottonseed meal, cottonseed hulls and large amount peanut hulls.	7122
6.67	6.00	12.54	14.00	55 00	Cottonseed meal and cottonseed hulls.	As certified, -----	6912
8.37	6.00	8.93	14.00	56 00	Cottonseed meal and cottonseed hulls.	As certified, -----	6907
7.52	-----	10.73	-----	55 50			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
	THE BUCKEYE COTTON OIL CO., CINCINNATI, OHIO.		%	%	%
7118	Buckeye, -----	Keystone Cash Feed Store, Warren.	8.02	37.06	36.00
7153	Buckeye, -----	Union City Co-operative Association, Union City.	6.95	33.50	36.00
		Average, -----	7.48	35.28	-----
7173	Buco, -----	Nickel Plate Flour Mills, Erie.	9.77	22.75	20.00
	S. P. DAVIS, LITTLE ROCK, ARK.				
7553	Beauty Brand, -----	Mitchell Milling Co., Clearfield.	7.70	37.81	36.00
6911	Beauty Brand, -----	Thompson & Glenn, Butler.	7.00	40.81	36.00
		Average, -----	7.35	39.31	-----
7497	*Davis, -----	C. B. Tyler, Tunkhannock.	8.96	19.50	20.00
	EASTERN COTTON OIL CO., NORFOLK, VA.				
8301	Supreme, -----	Ez. Dunwoody Co., Philadelphia.	6.02	33.88	36.00
	W. D. HALL CO., ATLANTA, GA.				
6989	Hall Brand Good, -----	Mauser Mill Co., Allentown.	8.12	41.00	36.00
	HUMPHREYS-GODWIN CO., MEMPHIS, TENN.				
7027	Danish Brand, -----	George W. Engle, Hazleton.	7.92	36.06	36.00
7626	Danish Brand, -----	Farmers' Co-operative Union, Knoxville.	7.81	36.25	36.00
6945	Danish Brand, -----	Flory Milling Co., Inc., Bangor.	8.30	35.38	36.00
7791	Danish Brand, -----	F. H. Hagerman, Towanda.	7.92	32.38	36.00
8130	Danish Brand, -----	McQuiston Brothers Co., Meadville.	8.44	38.13	36.00
8107	Danish Brand, -----	Seureman Milling Co., Wilkes-Barre.	8.22	41.25	36.00
6936	Danish Brand, -----	Traders Flour & Feed Co., Stroudsburg.	8.22	36.63	36.00
		Average, -----	8.11	36.58	-----
	L. B. LOVITT & CO., MEMPHIS, TENN.				
7180	Thirty Six Brand, -----	Eric Milling & Supply Co., Erie.	9.25	36.38	36.00
7527	Thirty Six Brand, -----	J. C. Harrington Co., Montrose.	9.14	33.44	36.00
7206	Thirty Six Brand, -----	K. L. McClain & Co., Tyrone.	9.57	34.75	36.00
6924	Thirty Six Brand, -----	J. M. Wyckoff, East Stroudsburg.	7.27	37.88	36.00
		Average, -----	8.80	35.61	-----
	PLANTERS OIL MILL & GIN CO., KOSCIUSKO, MISS.				
7545	*Planter's Brand, -----	L. M. Kriner, DuBols,	8.61	36.25	36.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
8.74	5.00	9.65	14.00	2 25	Composed of cottonseed meal and cottonseed hulls.	As certified, -----	7118
6.10	5.00	12.92	14.00	2 00	Composed of cottonseed meal and cottonseed hulls.	As certified, -----	7153
7.42	-----	11.28	-----	2 13			
4.05	3.50	21.07	27.00	1 60	Cottonseed meal and hulls mixed.	As certified, -----	7173
8.02	6.00	10.40	14.00	2 35	Cottonseed meal and cottonseed hulls.	As certified, -----	7553
7.88	6.00	8.47	14.00	56 00	Cottonseed meal and cottonseed hulls.	As certified, -----	6911
7.95	-----	9.43	-----	51 50			
3.55	3.00	21.75	27.00	2 25	Cottonseed meal and hulls.	As certified, -----	7497
6.58	5.00	14.64	14.00	2 35	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	8301
6.48	5.50	8.12	14.00	2 50	Made from cottonseed meal and cottonseed hulls.	As certified, -----	6989
7.45	5.00	11.67	15.00	2 40	Made from cottonseed meal and cottonseed hulls.	As certified, -----	7027
6.92	5.00	12.34	15.00	2 40	Pressed cottonseed, ---	Cottonseed meal and cottonseed hulls.	7626
8.88	5.00	15.16	15.00	2 50	Made from cottonseed meal and cottonseed hulls.	As certified, -----	6945
6.75	5.00	12.92	15.00	2 90	Made from pressed cottonseed.	Cottonseed meal and cotton seed hulls.	7791
7.72	5.00	8.95	15.00	2 30	Pressed cottonseed, ---	Cottonseed meal and cottonseed hulls.	8130
6.57	5.00	11.20	15.00	3 00	Cottonseed meal and cottonseed hulls.	As certified, -----	8107
9.02	5.00	13.25	15.00	2 50	Made from cottonseed meal and cottonseed hulls.		6906
7.62	-----	12.21	-----	2 49			
6.53	5.00	13.46	14.00	2 25	Cottonseed meal and cottonseed hulls.	As certified, -----	7180
6.54	5.00	13.86	14.00	2 50	-----	Cottonseed meal and cottonseed hulls.	7527
6.65	5.00	12.00	14.00	2 60	-----	Cottonseed meal and cottonseed hulls.	7206
6.70	5.00	10.57	14.00	2 50	-----	Cottonseed meal and cottonseed hulls.	6924
6.61	-----	12.47	-----	2 31			
6.36	4.50	11.54	25.00	2 25	Prime cottonseed meal and cottonseed hulls.	As certified, -----	7545

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7341	C. S. SCHERMERHORN & SON, BALTIMORE, MD. *Cotton Seed Meal, -----	John W. Eshelman & Sons, Lancaster.	% 6.61	% 37.19	% 36.00
7164	TEXAS CAKE & LINTER CO., DALLAS, TEXAS. Panhandle Brand, -----	Nickel Plate Flour Mills, Erie.	6.97	34.69	36.00
7327	A. C. WESTERVELT & CO., MEMPHIS, TENN. Sun Brand, -----	Ajax Supply Co., Lancaster.	6.49	39.63	36.00
7342	Sun Brand, -----	John W. Eshelman & Sons, Lancaster.	5.75	35.31	36.00
7559	Sun Brand, -----	Kline's Sifter Mills, Brookville.	8.11	36.56	36.00
7035	Sun Brand, -----	Mauser Mill Co., Hazleton.	7.07	36.88	36.00
6900	Sun Brand, -----	P. J. Oesterling & Son, Butler.	7.07	34.75	36.00
		Average, -----	6.89	36.63	-----
		Total average, -----	7.96	35.70	-----
	LINSEED OIL MEAL, O. P. AMERICAN LINSEED CO., NEW YORK, N. Y.				
7819	Old Process Oil Meal, -----	J. E. Cressman, South Fork.	9.42	32.25	32.00
7200	Old Process Oil Meal, -----	Tyrone Milling Co., Tyrone.	9.35	31.50	34.00
		Average, -----	9.38	31.88	-----
	AMERICAN MILLING CO., PEORIA, ILL.				
7786	Amco Old Process Linseed Meal and Old Process Screenings Oil Feed.	Dayton Milling Co., Towanda.	9.36	30.63	30.00
7647	Amco Old Process Linseed Meal and Old Process Screenings Oil Feed.	H. J. Klingler & Co., Butler.	9.11	31.88	36.00
7272	Amco Old Process Linseed Meal and Old Process Screenings Oil Feed.	The Mandeville Co., Wilkes-Barre.	10.21	33.28	30.00
7632	Amco Old Process Linseed Meal and Old Process Screenings Oil Feed.	H. Z. Pride & Son, Westfield.	9.79	32.63	30.00
		Average, -----	9.60	32.13	-----
	ARCHER-DANIELS LINSEED CO., BUFFALO, N. Y.				
7026	Old Process Ground Oil Cake, -----	George W. Engle, Hazleton.	8.67	30.94	31.00
7343	Old Process Ground Oil Cake, -----	John W. Eshelman & Sons, Lancaster.	6.77	36.25	31.00
7726	Old Process Ground Oil Cake, -----	Farmers' Co-operative Union, Mansfield.	7.55	32.19	31.00
8355	Old Process Ground Oil Cake, -----	C. C. Hipple & Son, West Chester.	8.20	36.88	34.00
8153	Old Process Ground Oil Cake, -----	Rice & Jones, Lebanon.	7.61	30.88	31.00
7152	Old Process Ground Oil Cake, -----	Union City Cooperative Association, Union City.	7.85	31.13	31.00
6920	Old Process Ground Oil Cake, -----	J. M. Wyckoff, East Stroudsburg.	8.47	30.50	31.00
		Average, -----	7.87	32.68	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.27	5.00	12.01	12.00	43 00	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	7311
6.80	5.00	11.55	20.00	2 00	-----	Cottonseed meal and cottonseed hulls.	7164
6.53	5.00	10.38	15.00	2 00	Made from pressed cottonseed.	Cottonseed meal and cottonseed hulls.	7227
7.84	5.00	12.40	15.00	43 00	Made from cottonseed meal and cottonseed hulls.	As certified, -----	7241
6.68	5.00	12.31	15.00	2 50	Pressed cottonseed, ---	Cottonseed meal and cottonseed hulls.	7550
5.54	5.00	14.23	15.00	3 00	Made from cottonseed meal and cottonseed hulls.	As certified, -----	7035
6.63	5.00	11.38	15.00	3 00	Made from pressed cottonseed.	Cottonseed meal and cottonseed hulls.	6900
6.64	-----	12.14	-----	50 60			
6.88	-----	12.63	-----	47 89			
6.02	5.00	8.58	8.00	3 00	-----	Linseed oil meal, ----	7819
7.00	5.00	8.07	5.00	3 00	-----	Linseed oil meal, ----	7200
6.51	-----	8.32	-----	3 00			
6.18	5.00	9.11	10.00	2 60	-----	Linseed oil meal and screenings oil feed.	7783
5.29	5.00	8.86	10.00	2 40	Old process linseed meal, old process screenings oil feed.	As certified, -----	7647
6.47	5.00	8.44	10.00	2 40	-----	Linseed oil meal and screenings oil feed.	7272
5.56	5.00	9.53	10.00	2 50	-----	Linseed oil meal and screenings oil feed.	7632
5.88	-----	8.98	-----	2 48			
7.22	5.00	7.95	10.00	2 70	-----	Linseed oil meal, ----	7026
7.33	5.00	7.86	10.00	39 00	-----	Linseed oil meal, ----	7343
8.18	6.00	8.57	10.00	2 55	-----	Linseed oil meal, ----	7726
8.36	5.00	7.65	10.00	52 30	-----	Linseed oil meal, ----	8355
9.09	5.00	8.22	10.00	2 50	-----	Linseed oil meal, ----	8153
6.99	5.00	7.92	10.00	2 50	-----	Linseed oil meal, ----	7152
7.90	6.00	8.37	10.00	2 70	-----	Linseed oil meal, ----	6920
7.87	-----	8.05	-----	50 29			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	HIRST & BEGLEY LINSEED CO., CHICAGO, ILL.		%	%	%
7578	Old Process Linseed Cake Meal, ----	Win. Gates Estate, Kit-tanning.	9.58	37.88	34.00
7703	XX Brand (Ground Linseed Cake), --	O. P. Shupe Estate, Mt. Pleasant.	9.27	38.88	31.00
	KELLOGG & McDOUGALL WORKS, BUFFALO, N. Y.				
7101	*Old Process Oil Meal, -----	Kane Milling & Grocery Co., Kane.	10.45	29.31	32.00
	SPENCER KELLOGG & SONS, BUFFALO, N. Y.				
7775	Kellogg's Pure Old Process Oil meal.	H. C. Berrits' Sons, Somerset.	10.62	31.13	31.00
7373	Kellogg's Pure Old Process Oil Meal,	Blank & Gottshall Com-pany, Inc., Sunbury.	9.91	40.31	33.00
7692	Kellogg's Pure Old Process Oil Meal.	F. P. Case & Son, Troy	10.10	31.00	31.00
7784	Kellogg's Pure Old Process Oil Meal.	Dayton Milling Co., Towanda.	9.00	39.19	33.00
7037	Kellogg's Pure Old Process Oil Meal,	Manser Mill Co., Hazle-ton.	8.97	31.50	31.00
7169	Kellogg's Pure Old Process Oil Meal,	Nickle Plate Flour Mills Erie.	8.97	31.44	30.00
7498	Kellogg's Pure Old Process Oil Meal,	C. B. Tyler, Tunkhan-nock.	8.15	39.63	53.00
7108	Kellogg's Pure Old Process Oil Meal,	Warr n City Mills, Warren	10.55	31.44	30.00
		Average, -----	9.53	34.46	-----
	KELLOGGS & MILLER, AMSTERDAM, N. Y.				
7526	Pure (Old Process) Oil Meal, -----	J. C. Harrington Co., Montrose.	9.79	29.88	31.00
	THE MANN BROTHERS CO., BUFFALO, N. Y.				
7263	Pure Old Process Linseed Oil Meal,--	John G. Allen, Beaver Falls.	10.17	29.75	33.00
8179	Pure Old Process Linseed Oil Meal,--	Mack Brothers, Titusville	9.94	36.69	33.00
8090	Pure Old Process Linseed Oil Meal,--	Miner-Hillard Milling Co. Plymouth.	9.62	37.56	33.00
		Average, -----	9.91	34.67	-----
6969	Pure Old Process Linseed Oil Meal,-- (Argentine Brand).	The Easton Flour & Feed, Co., Easton.	8.97	31.13	31.00
7698	Pure Old Process Linseed Oil Meal,-- (Argentine Brand).	Hudson & Kubns, Greens-burg.	9.80	31.13	31.00
8212	Pure Old Process Linseed Oil Meal,-- (Argentine Brand).	L. Ritter, St. Marys, ---	8.00	42.19	31.00
7002	Pure Old Process Linseed Oil Meal,-- (Argentine Brand).	Stemler Brothers, East Mauch Chunk.	9.40	30.56	31.00
		Average, -----	9.04	33.75	-----
	MIDLAND LINSEED PRODUCTS CO., MINNEAPOLIS, MINN.				
7534	Old Process Ground Linseed Cake, --	Brown & Fassett, Mon-trose.	9.01	30.19	30.00
7007	Old Process Ground Linseed Cake, --	D. O. Christman, Weiss-port.	8.20	30.81	30.00
7794	Old Process Ground Linseed Cake, --	F. H. Hagerman, To-wanda.	9.10	35.31	32.00
7962	Old Process Ground Linseed Cake, --	Marion Center Milling Co. Marion Center.	9.45	34.38	32.00
7291	Old Process Ground Linseed Cake, --	Miner-Hillard Milling Co., Wilkes-Barre.	9.03	29.56	30.00
7554	Old Process Ground Linseed Cake, --	Mitchell Milling Co., Clear-field.	9.35	34.06	32.00
7187	Old Process Ground Linseed Cake, --	John M. Porter, Sharon.	9.82	31.19	32.00
		Average, -----	9.13	32.21	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Micro- scopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed				
%	%	%	%	\$			
6.04	5.00	7.11	9.00	2 50	Linseed cake meal.	Linseed oil meal, ---	7578
6.39	6.00	7.54	9.00	2 50	-----	Linseed oil meal, ---	7703
6.05	5.00	8.53	8.00	3 20	-----	Linseed oil meal, ---	7101
6.21	5.00	8.45	10.00	3 00	-----	Linseed oil meal, ---	7775
5.97	5.00	6.65	10.00	2 40	-----	Linseed oil meal, ---	7373
6.50	5.00	8.88	10.00	2 60	-----	Linseed oil meal, ---	7692
7.21	5.00	8.45	10.00	2 50	-----	Linseed oil meal, ---	7784
6.45	5.00	8.30	10.00	3 00	-----	Linseed oil meal, ---	7037
6.41	5.00	8.35	10.00	2 50	-----	Linseed oil meal, ---	7169
5.81	5.00	6.68	10.00	2 65	-----	Linseed oil meal, ---	7498
6.08	5.00	8.00	10.00	2 65	-----	Linseed oil meal, ---	7168
6.33	-----	7.97	-----	2 68	-----		
5.86	4.00	8.46	9.00	2 40	-----	Linseed oil meal, ---	7526
7.95	6.00	8.05	10.00	3 00	-----	Linseed oil meal, ---	7263
6.61	6.00	7.36	10.00	2 80	-----	Linseed oil meal, ---	8179
6.34	6.00	7.88	10.00	2 80	-----	Linseed oil meal, ---	8696
6.97	-----	7.76	-----	2 87	-----		
7.25	6.00	8.37	10.00	3 50	-----	Linseed oil meal, ---	6969
7.95	6.00	9.01	10.00	2 50	Pure oil process lin- seed oil meal.	As certified, -----	7698
7.71	6.00	6.48	10.00	2 60	-----	Linseed oil meal, ---	8212
7.63	6.00	7.85	10.00	3 10	-----	Linseed oil meal, ---	7062
7.64	-----	7.92	-----	2 93	-----		
8.90	5.00	8.19	9.50	2 40	-----	Linseed oil meal, ---	7534
7.18	5.00	8.30	9.00	3 50	-----	Linseed oil meal, ---	7007
6.45	5.00	8.14	9.50	2 30	-----	Linseed oil meal, ---	7794
6.20	5.00	8.91	9.50	2 25	-----	Linseed oil meal, ---	7902
8.70	5.00	8.28	9.50	2 75	-----	Linseed oil meal, ---	7291
5.99	5.00	8.33	9.50	2 55	-----	Linseed oil meal, ---	7554
7.35	5.00	8.40	9.50	2 75	-----	Linseed oil meal, ---	7187
7.25	-----	8.30	-----	2 64	-----		

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE TOLEDO SEED & OIL CO., TOLEDO, OHIO.		%	%	%
7839	Old Process Oil Meal, -----	C. J. Cleland, Wilkinsburg.	9.22	31.44	31.00
7909	Old Process Oil Meal, -----	Penn Roller Mills, Indiana	9.25	36.63	32.00
7565	Old Process Oil Meal, -----	Punxsutawney Milling Co. Punxsutawney.	10.55	34.63	31.00
		Average, -----	9.67	34.23	-----
	CORN OIL MEAL.	Total average, -----	9.20	33.33	-----
	CLINTON CORN SYRUP REFINING CO., CLINTON, IOWA.				
7669	Clinton Corn Oil Cake Meal, -----	Farmers' Feed Store, Weilsboro.	8.74	23.56	20.00
	DISTILLERY AND BREWERY BY- PRODUCTS				
	DISTILLERS' DRIED GRAINS (Largely from Corn)				
	AMERICAN MILLING CO., PEORIA, ILL.				
7531	Corn Distillers' Dried Grains, -----	Andre & Sweet, Montrose	7.29	28.94	28.00
	THE DEWEY BROTHERS CO., BLANCHESTER, OHIO.				
7641	Eagle 3D (Dewey's Distillers Dried) Grains, -----	Elkland Roller Mills, Elk- land.	6.17	30.50	30.00
	DONAHUE-STRATTON CO., MILWAUKEE, WIS.				
7800	Higquality Spirits Distillers' Grains.---	Farmers' Co-operative Co. Inc., Wysox.	5.22	32.31	30.33
	U. S. FOOD PRODUCTS CORPORA- TION, NEW YORK, N. Y.				
7741	Farmer Jones Corn Distillers' Grains.	Farmers Co-operative Merchantile Co., Skin- ners Eddy.	6.95	28.31	30.00
		Average, -----	6.40	30.02	-----
	DISTILLERS' AND YEAST DRIED GRAINS.				
	THE FLEISCHMANN CO., PEEKSKILL, N. Y.				
8345	Fleischmann's Dried Grains, -----	J. Leedom Moore, Lan- carch.	7.22	21.31	17.00
	BREWERS' DRIED GRAINS.				
	ATLANTIC EXPORT CO. NEW YORK, N. Y.				
6940	Dried Berwers' Grains, -----	Traders Flour & Feed Co. Stroudsburg.	8.20	25.19	25.00
	STEGMAIER BREWING CO., WILKES-BARRE, PA.				
8104	Dried Brewers Grain, -----	Plymouth Mill & Elevator Co., Plymouth.	7.22	22.06	22.23
	WILLIAM H. STELLMANN, BALTIMORE, MD.				
7392	F. B. Brewers' Dried Grains, -----	C. H. McMahon, Milton,	6.65	26.25	25.00
		Average, -----	7.35	24.50	-----
	MAIZE BY-PRODUCTS.				
	CORN GLUTEN MEAL.				
	CORN PRODUCTS REFINING COMPANY, NEW YORK, N. Y.				
7354	Diamond, -----	John W. Eshehman & Sons Lancaster.	4.57	41.00	40.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.86	6.00	8.81	10.00	3 50	-----	Linseed oil meal, -----	7599
6.04	6.00	7.75	10.00	3 00	-----	Linseed oil meal, -----	7609
5.61	6.00	8.00	10.00	3 00	Oil Meal.	Linseed oil meal, -----	7565
5.84	-----	8.18	-----	3 17			
6.82	-----	8.15	-----	54.19			
9.91	7.00	9.95	12.00	2 70	-----	Corn oil meal, -----	7609
10.05	8.00	12.77	15.00	2 00	-----	Distillers' dried grains largely from corn.	
10.59	10.00	13.76	13.00	2 10	Made principally from corn.	As certified, -----	7641
12.21	10-12	13.36	14.00	2 55	-----	Distillers' dried grains largely from corn.	7800
9.56	7.00	14.11	14.00	2 55	-----	Distillers' dried grains largely from corn.	7641
10.60	-----	13.50	-----	2 30			
6.55	6.00	17.99	21.00	29 00	Dried yeast grains from barley malt, corn, malt sprouts and rye.	Found also small amount whole weed seeds.	8345
6.72	6.00	14.36	14.00	3 00	-----	Brewers' dried grains,	6940
5.49	6.50	15.39	16.50	2 25	-----	Brewers' dried grains,	8101
5.65	6.00	14.20	13.00	2 00	-----	Brewers' dried grains,	7392
5.95	-----	14.65	-----	2 42			
2.46	1.00	1.93	4.00	47 00	-----	Corn gluten meal ..	7374

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
CORN GLUTEN FEED.					
AMERICAN MAIZE-PRODUCTS CO., NEW YORK, N. Y.					
7614	Cream, -----	Farmers' Feed Store, Wellsboro.	% 8.74	% 24.06	% 23.00
6942	Cream, -----	Flory Milling Co., Inc., Bangor.	9.60	24.44	25.00
8223	Cream, -----	F. A. Green, Smethport.	7.95	24.19	23.00
7148	Cream, -----	F. L. Heath, Corry, ---	7.62	23.62	23.00
8147	Cream, -----	Linesville Coal, Lime & Cement Co., Linesville.	8.73	24.94	23.00
		Average, -----	8.52	24.25	-----
CLINTON CORN SYRUP REFINING CO., CLINTON, IOWA.					
7886	Clinton, -----	Braddock Feed & Supply House, Braddock.	8.57	26.31	23.00
7662	Clinton, -----	Earley & Detweiler, Palmyra.	8.07	25.69	23.00
7718	Clinton, -----	King Brothers, Uniontown.	8.30	25.94	23.00
		Average, -----	8.31	25.98	-----
CORN PRODUCTS REFINING COMPANY, NEW YORK, N. Y.					
7378	Buffalo, -----	Blank & Gottshall Company, Inc., Sunbury.	8.56	26.25	23.00
8134	Buffalo, -----	A. D. Davenport, Meadville.	8.17	26.25	23.00
7603	Buffalo, -----	Roy J. Dunham, Wellsboro.	9.65	27.19	23.00
3972	Buffalo, -----	The Eaton Flour & Feed Co., Easton.	7.85	29.24	23.00
7735	Buffalo, -----	Farmers' Co-operative-Mercantile Co., Skippers Eddy.	8.20	26.56	23.00
8092	Buffalo, -----	Miner-Hillard Milling Co., Plymouth.	8.62	26.50	23.00
7282	Buffalo, -----	Miner-Hillard Milling Co., Wilkes-Barre.	8.75	23.75	23.00
8079	Buffalo, -----	I. J. Pizer & Son, Mercer.	9.12	27.25	23.00
7184	Buffalo, -----	John M. Porter, Sharon.	8.52	22.38	23.00
7566	Buffalo, -----	Punxsutawney Milling Co. Punxsutawney.	10.46	27.81	23.00
7239	Buffalo, -----	Rochester Seed & Supply Co., Rochester.	9.12	22.81	23.00
7501	Buffalo, -----	C. B. Tyler, Tunkhannock.	9.20	24.0	23.00
8272	Buffalo, -----	George M. Witmer & Son Selinsgrove.	8.55	26.06	23.00
		Average, -----	8.82	25.85	-----
J. C. HUBINGER BROTHERS CO., KEOKUK, IOWA.					
8011	K. K. K., -----	W. J. Dougherty, Mesoppen.	7.61	13.25	23.00
THE KEEVER STARCH CO., COLUMBUS, OHIO.					
7677	Keever, -----	Canton Mercantile Co., Canton.	6.68	18.50	20.00
PENICK & FORD LTD., INC., CHICAGO, ILL.					
7633	Douglas, -----	H. Z. Pride & Son, Westfield.	8.64	25.63	23.00
7550	Douglas, -----	A. T. Sprankle, DuBois.	9.42	29.60	23.00
		Average, -----	9.03	27.32	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.34	1.50	6.56	8.50	2 35	Corn gluten feed, -----	As certified, -----	7614
2.58	1.50	6.14	8.00	3 00	-----	Corn gluten feed, ---	6342
3.35	1.50	6.30	8.50	2 10	Corn gluten feed, -----	As certified, -----	8223
4.43	1.50	6.00	8.50	2 50	Corn gluten feed, -----	As certified, -----	7148
2.77	1.50	6.60	8.50	1 85	-----	Corn gluten feed, ---	8147
3.49	-----	6.32	-----	2 36			
3.56	2.00	5.86	8.00	2 25	-----	Corn gluten feed, ---	7886
2.73	3.00	6.01	8.00	2 40	-----	Corn gluten feed, ---	7062
2.97	2.00	6.54	8.00	2 75	-----	Corn gluten feed, ---	7718
3.09	-----	6.18	-----	2 47			
2.20	1.00	7.42	8.50	2 10	Corn gluten feed, -----	As certified, -----	7378
1.68	1.00	6.95	8.50	2 00	-----	Corn gluten feed, ---	8134
2.79	1.00	6.85	8.50	2 00	Corn gluten feed, -----	As certified, -----	7603
1.60	1.00	5.72	8.50	3 50	Corn gluten feed, -----	As certified, -----	6972
2.03	1.00	7.10	8.50	2 00	Corn gluten feed, -----	As certified, -----	7735
2.53	1.00	7.71	8.50	2 10	Corn gluten feed, -----	As certified, -----	8092
2.72	1.00	9.43	8.50	2 45	Corn gluten feed, -----	As certified, -----	7282
1.55	1.00	6.79	8.50	-----	-----	Corn gluten feed, ---	8079
3.47	1.00	8.00	8.50	2 50	Corn gluten feed, -----	As certified, -----	7184
2.16	1.00	5.30	8.50	3 00	Corn gluten feed, -----	As certified, -----	7566
2.80	1.00	9.17	8.50	2 50	Corn gluten feed, -----	As certified, -----	7239
2.26	1.00	8.24	8.50	2 10	Corn gluten feed, -----	As certified, -----	7501
3.49	1.00	7.17	8.50	2 25	-----	Corn gluten feed, ---	8272
2.41	-----	7.40	-----	2 58			
2.22	2.40	7.49	7.56	34 50	-----	Corn gluten feed, Deficient in corn solubles.	8611
4.56	3.00	6.96	8.00	1 70	A corn starch by-product with corn bran.	As certified, -----	7677
1.80	1.00	8.45	8.00	2 00	-----	Corn gluten feed, ---	7633
1.50	1.00	7.81	8.00	2 50	Corn gluten feed, -----	As certified, -----	7550
1.65	-----	8 13	-----	2 25			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	PIEL BROTHERS STARCH CO., INDIANAPOLIS, IND.		%	%	%
7855	PBRO, -----	J. B. Curry Estate, Swatara.	7.97	23.75	23.00
8012	PBRO, -----	W. J. Dougherty, Mes- hoppen.	7.79	24.19	23.00
8180	PBRO, -----	Mack Brothers, Titus- ville.	5.70	24.38	25.00
8342	PBRO, -----	J. Leedom Moore, Lan- erch.	8.10	24.81	23.00
8106	PBRO, -----	Seureman Milling Co., Wilkes-Barre.	6.64	22.19	23.00
	A. E. STALY MANUFACTURING CO., DECATUR, ILL.	Average, -----	7.24	23.86	-----
7519	Staley's, -----	Brown & Fassett, Tunk- bannock.	7.77	26.94	23.00
7782	Staley's, -----	Dayton Milling Co., Tevanda.	8.85	24.31	23.00
8016	Staley's, -----	Sterling & Sherwood, Meshoppen.	9.79	27.13	23.00
	UNION STARCH & REFINING CO., EDINBURG, IND.	Average, -----	8.80	26.13	-----
6999	Union, -----	Stemler Brothers, East Mauch Chunk.	9.80	25.56	23.00
	HOMINY FEED.	Total average, -----	8.44	24.85	-----
	AMERICAN HOMINY COMPANY, INDIANAPOLIS, IND.				
7340	Homico, -----	John W. Eshelman & Sons, Lancaster.	7.65	10.38	10.00
	AUNT JEMIMA MILLS CO., St. JOSEPH, MO.				
7694	Hominy Feed, -----	F. P. Case & Son, Troy	9.50	10.25	10.00
	EVANS MILLING CO., INDIANAPOLIS, IND.				
7849	Emco Evans, -----	Lehman & Wolgemuth, Elizabethtown.	9.60	11.50	16.00
	KELLOGG TOASTED CORN FLAKE COMPANY, BATTLE CREEK, MICH.				
7727	B. C., -----	Farmer's Co-operative Union Mansfield.	9.20	10.63	10.00
8014	B. C., -----	C. B. Tyler, Meshoppen.	8.89	10.75	10.00
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.	Average, -----	9.04	10.69	-----
7517	Badger, -----	Brown & Fassett, Tunk- bannock.	8.47	11.56	10.00
7025	Badger, -----	George W. Engle, Haz- ton.	10.55	10.19	10.00
7801	Badger, -----	Farmers' Co operative Co. Inc., Wysox.	9.15	10.44	10.00
7649	Badger, -----	H. J. Klingler & Co., Butler.	9.41	10.31	10.00
7316	Badger, -----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	12.13	9.56	10.00
		Average, -----	9.90	10.41	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
1.74	2.00	6.61	8.00	12 20	-----	Corn gluten feed, including hulled oats.	7855
1.69	2.00	7.70	8.00	36 50	-----	Corn gluten feed, ----	8012
1.55	2.00	6.45	8.00	2 00	-----	Corn gluten feed, ----	8180
3.45	2.00	6.35	8.00	2 30	-----	Corn gluten feed, ----	8343
2.16	2.00	8.56	8.00	2 10	-----	Corn gluten feed, ----	8106
2.12	-----	7.14	-----	41 70			
2.34	1.00	7.89	8.00	2 30	Corn gluten feed, ----	As certified, ----	7519
2.18	1.00	7.71	8.00	1 95	Corn gluten feed, ----	As certified, ----	7782
1.80	1.00	6.92	8.00	2 10	Corn gluten feed, ----	As certified, ----	8016
2.11	-----	7.50	-----	2 12			
1.98	3.00	6.68	8.00	3 50	-----	Corn gluten feed, ----	6999
2.56	-----	7.11	-----	46 00			
7.97	6.00	5.12	6.00	35 00	Manufactured from white corn only with corn screenings added and part of germ removed.	As certified, ----	7340
7.20	5.00	4.94	8.00	1 75	Hominy feed, ----	As certified, ----	7694
8.93	7.50	5.16	7.00	1 70	Guaranteed absolutely pure and free from mixtures. Manufactured from corn.	As certified, ----	7849
8.00	6.00	4.49	5.00	2 00	Made from pure white corn.	As certified, ----	7727
7.04	6.00	5.05	5.00	1 85	Pure white corn, ----	As certified, ----	8014
7.52	-----	4.77	-----	1 93			
7.37	5.00	4.48	5.00	2 00	White corn, ----	As certified, ----	7517
4.00	6.00	2.35	5.00	2 50	Made from corn, ----	As certified, ----	7025
6.39	6.00	3.29	5.00	1 75	Made from yellow corn,	As certified, ----	7801
5.10	5.00	3.35	5.00	1 70	Corn, ----	As certified, ----	7049
2.61	5.00	1.42	5.00	38 00	Made from white corn,	As certified, ----	7316
5.09	-----	2.97	-----	39 40			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8352	Badger White Hominy Feed and Corn Flour, -----	C. C. Hipple & Son, West Chester.	% 10.20	% 12.06	% 10.00
7615	Badger Yellow Hominy Feed and Corn Flour, -----	Farmers' Feed Store, Wellsboro.	10.26	10.00	10.00
	LADISH MILLING CO., MILWAUKEE, WIS.	Average, -----	10.23	11.03	-----
7627	True Value, -----	Farmers' Co-operative Union, Knoxville.	8.47	11.25	9.50
7288	MINER-HILLARD MILLING COMPANY, WILKES-BARRE, PA. Choice Steam Cooked, -----	Miner-Hillard Milling Co., Wilkes-Barre.	9.24	10.63	10.00
7395	MYSTIC MILLS, SIOUX CITY, IOWA. Mystic Yellow, -----	Wolfe & Huffman, Wat-sontown.	8.93	11.25	8.50
7518	PLYMOUTH MILLING CO., LEMARS, IOWA. Plymouth Pure Hominy Feed, -----	Brown & Fassett, Tunkhannock.	8.97	10.60	10.00
7734	Plymouth Pure Hominy Feed, -----	Farmers' Co operative Mercantile Co., Skimmers Eddy.	7.87	11.56	10.00
	POSTUM CEREAL CO., BATTLE CREEK, MICH.	Average, -----	8.42	11.13	-----
7499	Burt's, -----	C. B. Tyler, Tunkhannock.	9.49	12.25	10.00
7680	THE QUAKER OATS CO., CHICAGO, ILL. Yellow, -----	Canton Mercantile Co., Canton.	10.47	10.81	10.50
7605	Yellow, -----	Roy J. Dunham, Wellsboro.	10.27	11.31	10.50
7228	Yellow, -----	Juniata Feed & Flour Co., Tyrone.	9.47	9.81	10.50
7114	Yellow, -----	Keystone Cash Feed Store Warren.	9.52	9.44	10.50
7251	Yellow, -----	Rochester Seed & Supply Co., Rochester.	8.95	10.56	10.50
	WATHEN MILLING COMPANY, LOUISVILLE, KY.	Average, -----	9.73	10.39	-----
7312	Hominy Feed, -----	Paradise Farmers' Association, Inc., Vintage.	9.89	11.38	10.00
	CORN BRAN.	Total average, ---	9.43	10.77	-----
5089	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Choice Steam Cooked Flakeline, ---	Miner-Hillard Milling Co., Plymouth.	7.00	10.63	10.12
	CORN FEED MEAL.				
7613	THE LAKE ERIE MILLING CO., TOLEDO, OHIO. Mollett's Yellow Feed Meal, -----	Farmers' Feed Store, Wellsboro.	12.26	7.63	-----
6995	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y. Corn Meal Yellow Feed, -----	F. P. Case & Son, Troy,	11.60	9.81	-----

FEEDING STUFFS COLLECTED IN 1921--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.51	5.00	4.75	5.00	32.00	Made from white corn,	As certified, -----	8352
6.26	5.00	4.40	5.00	1 95	Yellow corn, -----	As certified, -----	7315
6.89	-----	4.57	-----	35 50			
7.90	4.00	5.50	5.00	1 75	Pure white corn, -----	As certified, -----	7627
5.38	4.00	4.13	5.00	1 70	-----	Hominy feed, -----	7288
5.53	4.00	3.42	5.00	2 50	-----	Hominy feed, -----	7395
8.45	8.50	3.94	6.35	2 00	-----	Hominy feed, -----	7518
9.09	8.50	4.30	6.35	1 85	-----	Hominy feed, -----	7734
8.77	-----	4.12	-----	1 93			
7.18	6.00	4.29	5.00	1 90	White corn, -----	As certified, -----	7499
6.23	6.00	4.57	5.00	1 65	Yellow hominy feed, ----	As certified, -----	7680
6.62	6.00	3.69	5.00	1 80	Yellow hominy feed, ----	As certified, -----	7228
6.84	6.00	3.70	5.00	2 60	Yellow hominy feed, ----	As certified, -----	7605
6.28	6.00	3.87	5.00	1 80	Yellow hominy feed, ----	As certified, -----	7114
6.33	6.00	4.57	5.00	2 25	Yellow hominy feed, ----	As certified, -----	7251
6.46	-----	4.08	-----	2 02			
6.75	6.00	4.84	7.00	1 70	Made from corn, ----	As certified, -----	7312
6.71	-----	4.15	-----	38 38			
4.57	4-7	9.10	6-9	1 70	-----	Corn bran, -----	8089
2.85	-----	2.17	-----	2 00	-----	Corn feed meal, ----	7613
3.97	-----	4.43	-----	1 60	-----	Corn feed meal, ----	7695

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8328	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Corn Feed Meal, -----	R. C. Mounster, Char- leroi.	% 12.22	% 10.06	% 7.00
	WHEAT OFFALS.	Average, -----	12.02	9.17	-----
	WHEAT BRAN. (With and without Ground Grain Screenings).				
7193	M. F. BARINGER, PHILADEL- PHIA, PA. Choice Soft Winter Wheat Bran, ---	Tyrone Milling Co., Tyrone.	9.07	15.31	-----
7054	BAY STATE MILLING CO., WINONA, MINN. Bay State Course Wheat Bran, -----	Jalappa Grain Elevator, Pottsville.	7.22	16.75	13.50
8163	Bay State Course Wheat Bran, -----	Oil City Milling Co., Oil City.	7.31	15.94	13.60
		Average, -----	7.26	16.35	-----
8226	BLAINE, MACKAY, LEE COM- PANY, NORTH EAST, PA. Pure Wheat Bran and Ground Screenings, -----	The Eldred Mill, Eldred,	8.27	16.50	16.00
7141	Pure Wheat Bran and Ground Screenings, -----	F. L. Heath, Corry, ---	6.70	17.56	15.40
		Average, -----	7.48	17.03	-----
8234	BLANK & GOTTSCHALL CO., INC., SUNBURY, PA. Wheat Bran, -----	R. Foster & Son, Mifflin- burg.	7.08	14.88	14.00
8258	BUFFALO FLOUR MILLS, LEWIS- BURG, PA. *Wheat Bran, -----	Buffalo Flour Mills, Lewisburg.	8.22	17.00	14.00
7788	THE CLEVELAND GRAIN & MILL- ING CO., CLEVELAND, OHIO. Wheat Bran, -----	Dayton Milling Co., Towanda.	8.50	17.09	14.00
7708	Wheat Bran with Ground Screenings not Exceeding Mill Run.	Hockey & McCurdy, Scottdale.	8.27	16.19	14.00
		Average, -----	8.38	16.94	-----
3175	CROUCH BROTHERS CO., ERIE, PA. Wheat Bran, -----	Titusville City Mills, Titusville.	8.15	15.44	15.00
7109	Wheat Bran with Ground Screenings not exceeding Mill Run.	Warren City Mills, Warren.	8.12	19.00	15.00
		Average, -----	8.13	17.22	-----
7387	W. E. CUSTER, MILTON, PA. Pure Wheat Bran, -----	W. E. Custer, Milton, -	8.82	15.31	-----
7755	DAYTON MILLING CO., TOW- ANDA, PA. Wheat Bran, -----	Dayton Milling Co., Towanda.	8.47	15.19	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.65	2.00	2.42	4.00	1 60	Corn feed meal, -----	As certified, -----	8228
3.49	-----	3.00	-----	1 73			
4.25	-----	9.95	-----	2 25	-----	Wheat bran, -----	7193
5.95	3.80	10.57	13.10	2 00	-----	Wheat bran, -----	7054
5.82	3.80	10.17	13.10	1 50	-----	Wheat bran, -----	8163
5.89	-----	10.37	-----	1 75			
5.11	5.00	9.72	9.00	1 40	-----	Wheat bran and ground grain screenings.	8226
6.09	4.00	8.45	10.00	1 90	Pure wheat bran and ground screenings.	As certified, -----	7145
5.60	-----	9.08	-----	1 65			
4.71	3.50	8.92	7.50	1 50	-----	Wheat bran, -----	8264
4.24	4.00	9.75	8.00	1 35	Wheat bran with mill run of screenings.	Wheat bran, -----	8258
5.08	4.50	9.41	12.00	1 50	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7788
4.52	4.50	9.54	12.00	1 50	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7708
4.80	-----	9.47	-----	1 50			
5.10	3.50	8.53	9.00	1 30	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	8175
5.38	5.00	9.32	9.00	1 80	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7109
5.24	-----	8.92	-----	1 55			
4.41	-----	8.47	-----	1 50	-----	Wheat bran and small amount ground grain screenings, largely corn cockle.	7387
5.20	-----	9.76	-----	1 60	-----	Wheat bran and ground grain screenings.	7755

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8169	DULUTH SUPERIOR MILLING CO., DULUTH, MINN. Duluth Imperial Bran, -----	Tionesta Milling Co., Tionesta,	% 7.17	% 16.88	% 15.60
8266	EAGLE ROLLER MILLS CO., NEW ULM, MINN. Wheat Bran, -----	Chester A. Grove, West Milton,	7.12	15.19	14.00
7773	B. A. ECKHART MILLING CO., CHICAGO, ILL. Wheat Bran with Screenings, -----	John G. Emert, Somers- et,	8.97	16.94	14.00
8275	J. A. EICHMAN, GLOBE MILLS, PA. *Wheat Bran, -----	J. A. Eichman, Globe Mills,	8.50	14.94	-----
6939	FLORY MILLING CO., BANGOR, PA. Pure Wheat Bran, -----	Traders Flour & Feed Co., Stroudsburg.	8.22	16.00	12-16
7736	HECKER-JONES-JEWELL MILL- ING CO., BUFFALO, N. Y. Choice Wheat Bran, -----	Farmers' Co-operative Mercantile Co., Skin- ners Eddy.	8.72	14.56	13.50
7128	Choice Wheat Bran, -----	Hammond Elevator Co., Corry.	6.82	17.81	13.50
		Average, -----	7.77	16.19	-----
7085	HOFFER & GARMAN, INC., HARRISBURG, PA. Pure Wheat Bran, -----	Hoffer & Garman, Inc., Harrisburg.	9.05	15.50	14.50
7847	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN. Black Hawk Pure Wheat Bran, ----	Muth Brothers, Elizabeth- town.	8.72	16.25	14.50
8309	ISMERT-HINCKE MILLING CO., KANSAS CITY, MO. *Wheat Bran, -----	Max Supowitz, Philadel- phia.	8.20	16.88	14.50
8237	THE KAULL MILLING CO., KANSAS CITY, MO. *Wheat Bran & Screenings, -----	W. W. Hayes, Jersey Shore.	8.22	16.94	14.50
7444	LADISH MILLING COMPANY, MILWAUKEE, WIS. Standard Wheat Bran, -----	George B. Miller, Holli- daysburg.	9.71	15.56	14.00
7177	LARABEE FLOUR MILLS COR- PORATION, KANSAS CITY, MO. Wheat Bran with Mill Run Screen- ings not to Exceed 8%.	Eric Milling & Supply Co., Eric.	7.77	16.81	15.00
7418	MANEY MILLING CO., OMAHA, NEBR. Wheat Bran with Ground Screenings not Exceeding Mill Run.	Joshua Stouffer & Son, Huntingdon.	10.12	14.69	14.00
6957	MAPLE LEAF MILLING CO., LTD., TORONTO, CANADA. Wheat Bran, -----	Dull's Flour & Feed Store, Easton.	9.37	16.75	14.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.62	4.00	9.08	11.50	1 50	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	8169
4.94	3.40	10.50	12.00	1 75	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	8266
5.16	4.00	9.51	11.00	1 50	Wheat bran with re-cleaned ground screenings.	As certified, -----	7773
1.67	-----	8.95	-----	1 45	-----	Wheat bran, -----	8275
4.53	3-5	11.00	8-12	2 10	-----	Wheat bran and small amount ground grain screenings.	6939
5.13	3.25	10.26	12.00	1 50	Choice wheat bran with trace of screenings.	As certified, -----	7736
6.08	3.25	9.36	12.00	1 80	Choice wheat bran with trace of screenings.	As certified, -----	7128
5.61	-----	9.81	-----	1 65	-----	-----	-----
4.44	5.00	8.30	9.00	2 00	-----	Wheat bran and small amount ground grain screening.	7085
5.19	3.20	9.30	12.00	1 35	-----	Wheat bran, -----	7847
4.60	3.50	9.36	10.00	1 50	Wheat bran and screen-run ground screenings not to exceed 8%.	As certified, -----	8309
4.60	3.50	9.36	10.00	1 50	Wheat bran and screenings not to exceed 8%	Wheat bran, -----	8237
5.79	3.50	9.88	13.00	1 90	-----	Wheat bran, -----	7444
4.64	3.50	8.36	10.00	1.70	Wheat bran with mill run screenings not to exceed 8%.	As certified, -----	7177
4.74	4.00	9.41	11.00	1 75	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7418
5.69	4.50	8.77	10.00	2 60	-----	Wheat bran, -----	6957

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6973	MARSHALL MILLING CO., MARSHALL, MINN. Wheat Bran, -----	The Easton Flour & Feed Co., Easton.	% 9.27	% 14.25	% 13.80
6987	MAUSER MILL CO., TREICHLERS, PA. Pure Wheat Bran with Ground Screenings not exceeding Mill Run.	Mauser Mill Co., Allentown.	9.02	17.38	14.00
7001	Pure Wheat Bran with Ground Screenings not exceeding Mill Run.	Stemler Brothers, East Mauch Chunk.	8.30	17.13	14.00
		Average, -----	8.66	17.26	-----
8088	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Choice Wheat Bran with Screenings not Exceeding Mill Run.	Miner-Hillard Milling Co., Plymouth.	9.00	16.81	13.00
7586	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury's Wheat Bran, -----	D. H. Boarts, Kittanning.	9.54	16.19	13.00
7091	Pillsbury's Wheat Bran, -----	Emporium Milling Co., Emporium.	9.95	16.00	13.00
7103	Pillsbury's Wheat Bran, -----	Kane Milling & Grocery Co., Kane.	7.80	15.44	13.00
7620	Pillsbury's Wheat Bran, -----	Knoxville Roller Mills, Knoxville.	9.34	17.19	13.00
		Average, -----	9.15	16.21	-----
7837	GEO. P. PLANT MILLING CO., ST. LOUIS, MO. Wheat Bran, -----	Muth Brothers, Elizabethtown.	8.45	14.69	15.00
8292	QUAKER CITY FLOUR MILLS CO., PHILADELPHIA, PA. Bran, -----	Woodward & Co., Philadelphia.	7.65	14.69	13.00
7449	RED WING MILLING COMPANY, RED WING, MINN. Bixota Wheat Bran, -----	J. J. Gleichert & Co., Altoona.	9.63	14.69	13.50
8239	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Bran, -----	E. E. Wentz, Lock Haven.	8.00	17.25	13.00
6927	Bran, -----	J. M. Wyckoff, East Stroudsburg.	8.05	18.00	13.00
		Average, -----	8.02	17.63	-----
7628	THE SAWYER MILLING CO., HUTCHINSON, KANS. *Winter Wheat Bran and Screenings,	Farmers' Co-operative Union, Knoxville.	9.30	17.50	17.50
8230	*Winter Wheat Bran and Screenings,	E. E. Wentz, Lock Haven.	9.52	16.88	17.50
		Average, -----	9.41	17.19	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Pat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.08	3.40	11.00	12.30	2 50	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	6673
5.62	5.00	9.55	9.00	2 25	Pure wheat bran with ground screenings not exceeding mill run.	As certified, -----	6987
5.25	5.00	8.44	9.00	2 35	Pure wheat bran with ground screenings not exceeding mill run.	As certified, -----	7001
5.44	-----	8.99	-----	2 30			
5.32	4.00	9.27	10.00	1 40	Choice wheat bran with screenings not exceeding mill run.	As certified, -----	8088
5.25	4.00	10.02	13.00	1 50	Wheat bran with ground wheat screenings not exceeding mill run.	As certified, -----	7586
5.58	4.00	10.20	13.00	2 60	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7091
6.00	4.00	10.30	13.00	2 00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7103
5.63	4.00	10.60	13.00	1 75	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7620
5.62	-----	10.28	-----	1 81			
3.98	3.00	10.61	11.00	1 35	Wheat bran with screenings not exceeding mill run.	As certified, -----	7337
5.08	3.00	8.92	10.00	1 40	Winter wheat bran.	Found also small amount ground grain screenings.	8292
5.73	4.10	9.97	15.00	2 00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7449
						As certified, -----	6927
5.42	4.00	9.56	11.00	1 50	-----	Wheat bran, -----	8229
5.63	4.00	9.75	11.00	2 20	Made from wheat.		
5.53	-----	9.65	-----	1 85			
4.76	4.00	9.46	10.00	30 00	Winter wheat bran and screenings not more than 3% wheat screenings.	As certified, -----	7628
4.46	4.00	8.96	10.00	1 50	Winter wheat bran and screenings not more than 3% wheat screenings.	As certified, -----	8230
4.61	-----	9.21	-----	30 00			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	SHEFIELD-KING MILLING CO., MINNEAPOLIS, MINN.				
8010	Fancy Broadflake Wheat Bran and Ground Wheat Screenings.	W. J. Dougherty, Meshoppen.	% 8.52	% 15.25	% 13.50
8285	Fancy Broadflake Wheat Bran and Ground Wheat Screenings.	Lewistown Storage Co., Lewistown.	9.30	16.56	13.50
		Average, -----	8.91	15.91	-----
	THE SOUTHWESTERN MILLING CO., INC., KANSAS CITY, MO.				
8048	Red Turkey Pure Wheat Bran, ---	King Feed Company, Williamsport.	7.20	17.25	14.50
	GEORGE URBAN MILLING CO., BUFFALO, N. Y.				
7690	Wheat Bran, -----	F. P. Case & Son, Troy,	8.90	16.75	14.00
	C. Y. WAGNER, BELLEFONTE, PA.				
8232	*Pure Winter Wheat Bran, -----	M. L. Claster, Lock Haven.	8.90	15.00	-----
	WASHBURN-CROSBY CO., MINNE- APOLIS, MINN.				
7008	Washburn-Crosby Co.'s Wheat Bran, with Ground Screenings not ex- ceeding Mill Run.	D. O. Christman, Weiss- port.	7.25	15.13	13.00
7785	Washburn-Crosby Co.'s Wheat Bran, with Ground Screenings not ex- ceeding Mill Run.	Dayton Milling Co., Towanda.	8.55	16.19	13.00
7344	Washburn-Crosby Co.'s Wheat Bran with Ground Screenings not ex- ceeding Mill Run.	John W. Eshelman & Sons, Lancaster.	7.68	15.38	13.00
8276	Washburn-Crosby Co.'s Wheat Bran with Ground Screenings not ex- ceeding Mill Run.	Franklin Milling Co., Middleburg.	7.92	16.63	13.00
8200	Washburn-Crosby Co.'s Wheat Bran with Ground Screenings not ex- ceeding Mill Run.	W. W. Hewett, John- sonburg.	7.75	15.94	13.00
8213	Washburn-Crosby Co.'s Wheat Bran with Ground Screenings not ex- ceeding Mill Run.	Jacob & Keller Co., St. Marys.	7.87	16.94	13.00
		Average, -----	7.83	16.04	-----
	WISCONSIN MILLING CO., MEN- OMONIE, WIS.				
7535	*Pure Wheat Bran, -----	Brown & Fassett, Mont- rose.	9.02	14.19	13.75
		Total average, ---	8.41	16.18	-----
	MIXED FEED: WHEAT BY-PRO- DUCTS.				
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
8189	Portage Fancy Mixed Feed, -----	A. C. Snyder & Son, Clarion.	8.92	15.56	14.00
	BLAINE, MACKAY, LEE CO., NORTH EAST, PA.				
7147	Pure Wheat Mixed Feed, -----	F. L. Heath, Corry, ---	9.40	17.50	15.40
	CAPITAL CITY MILLING & GRAIN CO., ST. PAUL, MINN.				
6953	Wheat Feed, -----	Dull's Flour & Feed Store, Easton.	10.37	15.81	15.70

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.95	4.00	11.30	11.00	23 50	-----	Wheat bran and ground wheat screenings.	8019
5.26	4.00	9.70	11.00	1 40	Wheat bran and ground wheat screenings.	As certified, -----	8285
5.11	-----	10.50	-----	25 75	-----	-----	-----
4.47	4.00	9.50	11.80	1 75	-----	Wheat bran, -----	8048
5.81	3.50	9.87	12.00	1 60	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7690
4.35	-----	8.52	-----	2 00	-----	Wheat bran, -----	8232
5.50	4.00	10.11	13.00	2 35	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7008
5.26	4.00	11.53	13.00	1 50	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7785
5.20	4.00	9.99	13.00	28 60	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7344
5.06	4.00	9.31	13.00	1 50	Wheat bran with ground wheat screenings not exceeding mill run.	As certified, -----	8276
5.20	4.00	10.09	13.00	1 50	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	8260
5.19	4.00	9.90	13.00	1 40	Wheat bran and screenings not exceeding mill run.	As certified, -----	8213
5.24	-----	10.15	-----	32 17	-----	-----	-----
5.57	4.25	9.01	11.00	1 40	-----	Wheat bran, -----	7535
5.07	-----	9.61	-----	33 94	-----	-----	-----
4.95	3.00	7.95	9.09	2 25	Wheat products.	Wheat mixed feed, ---	8189
5.97	4.00	7.50	6.00	2 00	Pure wheat mixed feed with mill run screenings.	As certified, -----	7147
5.15	4.00	6.72	8.50	3 50	Low grade flour, red dog middlings, bran, screenings not exceeding mill run.	As certified, -----	6953

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name,	Sampled From	Protein		
			Moisture.	Found.	Guaranteed.
8284	CLARK MILLING CO., LAKE VILLE, MINN. Clark Wheat Middlings, -----	Lewistown Storage Co., Lewistown.	% 10.25	% 17.88	% 15.00
7780	DAYTON MILLING CO., TOWANDO, PA. Wheat Feed from Soft Winter Wheat.	Dayton Milling Co., Towanda.	9.32	16.38	16.00
7737	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y. Wheat Mixed Feed, -----	Farmers' Co-operative Mercantile Co., Skin- ners Eddy.	8.45	15.31	14.50
7699	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN. Blackhawk Wheat Standard Mid- dlings.	McFarland Supply Co., Greensburg.	10.35	16.69	15.00
7151	KASCO MILLS, WAVERLY, N. Y. Kasco Wheat Mixed Feed, -----	Union City Co-operative Association, Union City.	8.25	16.88	15.00
6889	THE MENNEL MILLING CO., TOLEDO, OHIO. Mennel's Middlings, -----	Johnstown Milling Co., Johnstown.	9.50	16.50	15.00
8195	NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN. Planet Feed, -----	E. Colquist, Mt. Jewett,	9.47	17.81	15.00
7140	Wheat Mixed Feed, -----	Corry Milling & Supply Co., Inc., Corry.	9.85	17.69	15.00
6867	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury's Fancy Mixed Feed, -----	J. R. Anderson & Son, Shickshinny.	9.62	18.31	14.00
7529	Pillsbury's Fancy Mixed Feed, -----	Andre & Sweet, Mont- rose.	9.92	18.44	14.00
7017	Pillsbury's Fancy Mixed Feed, -----	Evans Milling Co., Bloomsburg.	10.05	16.44	14.00
8222	Pillsbury's Fancy Mixed Feed, -----	F. A. Green, Smethport,	9.15	17.75	14.00
		Average, -----	9.63	17.74	-----
8319	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Alta Pure Wheat Middlings, -----	C. D. Chamberlain, Brownsville.	10.30	19.6	15.00
7799	Occident Wheat Feed, -----	Farmers' Co-operative Co., Inc., Wysox.	9.15	19.94	15.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Analysis number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.84	8.00	7.03	10.00	1 60	Standard and flour middlings, red dog and ground screenings not exceeding mill run.	Wheat mixed feed and ground grain screenings.	8284
4.44	5.00	8.00	9.00	1 80	-----	Wheat mixed feed and small amount ground grain screenings.	7780
4.71	4.00	8.15	11.50	1 75	Wheat bran, standard middlings, red dog with mill run screenings.	As certified, -----	7737
5.83	4.50	8.70	8.20	1 40	Wheat standard middlings with ground screenings not exceeding mill run.	Wheat mixed feed, --	7699
6.10	4.00	7.97	10.00	1 90	Wheat bran and low grade flour with ground screenings not exceeding mill run.	As certified, -----	7151
4.82	4.00	6.17	5.50	3 10	Winter wheat feed with ground screenings not exceeding mill run.	Wheat mixed feed, --	6889
5.28	4.00	6.22	6.00	1 85	Wheat bran and red dog.	As certified, -----	8195
5.51	4.50	6.55	10.00	2 10	Wheat bran, flour middlings and ground screenings not exceeding mill run.	As certified, -----	7140
4.91	4.00	6.57	10.00	3 25	Wheat bran and wheat red dog flour with ground screenings not exceeding mill run.	As certified, -----	6866
4.97	4.00	6.12	10.00	1 75	Wheat bran and wheat red dog flour with ground screenings not exceeding mill run.	As certified, -----	7529
5.13	4.00	6.47	10.00	3 50	Wheat bran and wheat red dog flour with ground screenings not exceeding mill run.	As certified, -----	7017
4.72	4.00	6.76	10.00	1 60	Bran, wheat red dog flour and ground screenings not exceeding mill run.	As certified, -----	8222
4.95	-----	6.48	-----	2.53			
6.20	4.50	7.45	8.50	1 75	Mill run standard middlings and flour middlings mixed.	As certified, -----	8319
5.77	4.50	8.50	10.00	1 90	Mill run of bran middlings and red dog.	As certified, -----	7790

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8202	Occlident Wheat Feed, -----	L. A. Fischer & Co., Bradford.	% 8.12	% 16.50	% 15.00
7129	Occlident Wheat Feed, -----	Hammond Elevator Co., Corry.	8.70	18.31	15.00
7500	Occlident Wheat Feed, -----	C. B. Tyler, Tunkhan- nock.	9.40	19.06	15.00
		Average, -----	8.84	18.45	-----
7137	F. W. STOCK & SONS, HILLS- DALE, MICH. Monarch Fancy Wheat Feed, -----	Corry Milling & Supply Co., Inc., Corry.	8.75	16.88	16.00
7539	THORNTON & CHESTER MILLING CO., BUFFALO, N. Y. T. & C. Wheat Mixed Feed, -----	Brown & Fassett, Mont- rose.	9.95	15.88	14.00
7530	WASHBURN-CROSBY CO., MINNE- APOLIS, MINN. Wheat Mixed Feed, -----	Andre & Sweet, Mont- rose.	9.40	16.75	14.00
		Total average, ----	9.41	17.27	-----
	WHEAT MIDDLINGS. (With and without ground grain screenings.)				
	STANDARD WHEAT MIDDLINGS.				
7247	BAY STATE MILLING CO., WINONA, MINN. Bay State Wheat Middlings with Ground Wheat Screenings not ex- ceeding mill run.	Rochester Seed & Supply Co., Rochester.	11.35	16.75	16.00
8170	DULUTH SUPERIOR MILLING CO., DULUTH, MINN. Standard Middlings, -----	Tionesta Milling Co., Tionesta.	10.07	18.38	16.50
7123	HECKER-JONES-JEWELL MILL- ING CO., BUFFALO, N. Y. Standard Middlings, -----	Hammond Elevator Co., Corry.	10.90	18.88	15.00
7083	HOFFER & GARMAN, INC., HARRISBURG, PA. Pure Standard Middlings, -----	Hoffer & Garman, Inc., Harrisburg.	9.20	17.31	14.50
6989	MAUSER MILL CO., LAURYS, PA. Red Wheat Middlings, -----	Mauser Mill Co., Allen- town.	9.65	17.88	12.00
7181	MAYFLOWER MILLS, FORT WAYNE, IND. Mayflower Middlings, -----	Erie Milling & Supply Co., Erie.	11.47	16.63	14.00
6926	MINOT FLOUR MILL CO., MINOT, N. D. *Fancy Middlings, -----	J. M. Wyckoff, East Stroudsburg.	10.92	16.38	15.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.23	4.00	8.64	10.00	1 25	Mill run bran, middlings and red dog.	As certified, -----	8202
6.35	4.50	8.33	10.00	1 90	Mill run bran, middlings and red dog.	As certified, -----	7129
5.78	4.50	5.35	10.00	1 70	Mill run bran, middlings and red dog.	As certified, -----	7500
6.03	-----	7.70	-----	1 69			
4.99	4.00	7.27	10.00	2 10	Wheat feed with mill run of screenings.	As certified, -----	7137
5.90	4.50	8.64	11.00	1 50	Wheat bran and middlings with ground screenings not exceeding mill run.	As certified, -----	7539
5.04	4.00	6.86	10.00	1 70	Wheat mixed feed with ground screenings not exceeding mill run.	As certified, -----	7530
5.42	-----	7.30	-----	2 05			
5.68	3.90	8.37	8.80	2 25	Wheat middlings with ground screenings from wheat not exceeding mill run.	Standard wheat middlings with ground grain screenings.	7247
5.58	4.50	7.09	8.50	1 86	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	8170
6.61	5.00	6.54	10.00	1 80	Standard middlings with mill run screenings made from wheat.	Standard wheat middlings.	7123
4.57	5.00	6.90	9.00	2 60	Pure standard middlings.	Found also small amount ground grain screenings.	7083
6.48	3.00	8.00	10.00	2.30	Wheat middlings with ground screenings not exceeding mill run.	Standard wheat middlings with ground grain screenings.	6986
4.68	4.00	8.30	10.00	2 00	Pure wheat product with ground screenings not exceeding mill run.	Standard wheat middlings with ground grain screenings.	7131
4.95	4.00	6.93	8.00	3 20	-----	Standard wheat middlings and ground grain screenings.	6926

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7090	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN. Wheat Standard Middlings, -----	Emporium Milling Co., Emporium.	% 10.77	% 15.81	% 14.00
8241	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Wheat Standard Middlings, -----	F. A. Williamson, Larrys Creek.	9.75	15.56	14.00
8267	SHANE BROTHERS & WILSON CO., MINNEAPOLIS, MINN. Wheat Standard Middlings, -----	Chester A. Grove, West Milton.	9.72	18.00	15.00
7292	Wheat Standard Middlings, -----	Miner-Hillard Milling Co., Wilkes-Barre.	11.08	16.25	15.00
7502	Wheat Standard Middlings, -----	C. B. Tyler, Tunkhannock.	10.49	15.94	15.00
		Average, -----	10.43	16.73	-----
8327	SPRINGFIELD MILLING CO., SPRINGFIELD, MINN. Wheat Standard Middlings, -----	R. C. Mountser, Charleroi.	10.32	19.69	16.50
6874	WASHBURN-CROSBY CO., MINNEAPOLIS, MINN. Washburn-Crosby Co.'s Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	J. B. Anderson & Son, Shickshinny.	10.70	18.19	14.00
		Total average, ----	10.45	17.26	-----
7053	WHEAT FLOUR MIDDLINGS. BAY STATE MILLING CO., WINONA, MINN. Bay State Wheat Middlings with Ground Screenings from Wheat not exceeding Mill Run.	Jalappa Grain Elevator, Pottsville.	11.10	18.06	16.00
7225	Durum Wheat Middlings, -----	Juniata Feed & Flour Co., Tyrone,	11.42	15.19	15.00
7421	BIG DIAMOND MILLS COMPANY MINNEAPOLIS, MINN. Big Diamond Wheat Flour Middlings	Joshua Steuffer & Son, Huntingdon.	9.64	16.13	16.00
8228	BLAINE, MACKAY, LEE COMPANY, NORTH EAST PA. Pure Wheat Middlings with Mill Run Screenings.	The Eldred Mill, Eldred	10.05	17.38	16.00
8263	BLANK & GOTTSHALL CO., INC. SUNBURY, PA. Wheat Middlings, -----	R. Foster & Son, Millburg.	10.15	16.56	14.00
7648	COMMANDER MILLS CO., MINNEAPOLIS, MINN. Commander Middlings, -----	H. J. Klingler & Co., Butler.	10.16	17.06	16.00

FEEDING STUFFS COLLECTED IN 1921--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.60	4.00	10.07	11.00	1 90	Wheat standard middlings with ground screenings not exceeding mill run.	Found also large proportion ground grain screenings.	7050
5.50	4.00	8.66	11.60	1 70	Standard wheat middlings with ground screenings not exceeding mill run.	As certified, -----	8241
5.09	4.00	8.99	11.50	1 75	Wheat standard middlings with ground wheat screenings not exceeding mill run.	As certified, -----	8267
4.92	4.00	9.29	11.50	1 55	Standard wheat middlings with ground wheat screenings not exceeding mill run.	As certified, -----	7202
4.77	4.00	9.00	11.50	1 60	Wheat standard middlings with ground wheat screenings not exceeding mill run.	As certified, -----	7503
4.93	-----	9.09	-----	1 63			
6.88	5.00	7.29	8.50	1.50	Standard wheat middlings.	As certified, -----	8327
6.35	4.00	8.09	11.00	2 50	Wheat standard middlings with ground screenings not exceeding mill run.	Found also wheat scorings.	6874
5.62	-----	8.10	-----	2 03			
5.62	3.90	6.85	8.80	2 60	Wheat middlings with ground screenings from wheat not exceeding mill run.	Wheat flour middlings and ground grain screenings.	7053
4.33	4.50	5.77	12.00	2 75	Wheat middlings and mill run screenings.	Wheat flour middlings and ground grain screenings.	7223
5.16	4.50	6.52	8.90	2 00	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	7421
5.32	4.00	6.14	6.00	1 75	Pure wheat middlings with mill run screenings.	Wheat flour middlings and mill run screenings.	8228
5.49	5.00	5.90	4.50	1 60	Wheat middlings, -----	Wheat flour middlings	8263
5.20	4.50	6.02	8.90	1 70	Wheat flour middlings with ground wheat screenings not exceeding mill run.	As certified, -----	7648

TABLE III.—ANALYSES OF SAMPLES OF

	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8347	JOHN W. ESHELMAN & SONS, LANCASTER, PA. White Middlings with Screenings not exceeding Mill Run.	J. Leedom Moore, Lan- carch.	% 10.72	% 17.44	% 16.00
8247	C. J. GREENINGER & SON, RAUCHTOWN, PA. *Standard Middlings, -----	M. M. DeCoursey & Co., Antes Fort.	11.20	15.88	10-14
7738	HECKER-JONES-JEWELL MILL- ING CO., BUFFALO, N. Y. Standard Middlings with Mill Run Screening.	Farmers' Co-operative Mercantile Co., Skin- ners Eddy.	10.45	17.25	15.00
7309	KASCO MILLS, WAVERLY, N. Y. *Kasco White Middlings, -----	Farmers' Co-operative Co., Inc., Wysox.	10.47	16.88	15.50
7450	LADISH MILLING COMPANY, MILWAUKEE, WIS. Flour Middlings, -----	J. J. Gleichert & Co., Altoona.	9.89	15.50	14.00
7264	THE MIDLAND FLOUR MILLING CO., KANSAS CITY, MO. Flour Middlings with Ground Wheat Screenings not exceeding Mill Run.	John G. Allen, Beaver Falls.	11.45	16.75	16.00
8333	NEW RICHMOND ROLLER MILLS CO., RICHMOND, WIS. *Fine White Flour Middlings, -----	J. C. Fulton, & Co., Burgettstown.	10.75	18.75	13.00
6952	THE NORTHWESTERN CONSOLI- DATED MILLING CO., MINN- EAPOLIS, MINN. Wheat Four Middlings with Ground Screenings not exceeding Mill Run.	S. E. Merkel & Co., Bangor.	10.20	16.56	15.00
6868	THE QUAKER OATS CO., CHICAGO, ILL. Flour Middlings, -----	J. B. Anderson & Son, Shichshinny,	9.40	15.56	12-14
8280	SPANOGLE-YEAGER MILLING CO. LEWISTOWN, PA. *White Middlings, -----	Spanogle-Yeager Milling Co. Lewistown.	10.52	17.69	12-16
8273	GEORGE M. WITMER & SON, SELINSGROVE, PA. *Middlings, -----	George M. Witmer & Son Selinsgrove.	11.25	15.94	-----
		Average, -----	10.51	16.74	-----
8259	BROWN SHORTS. BUFFALO FLOUR MILLS, LEWISBURG, PA. *Wheat Middlings, -----	Buffalo Flour Mills, Lewis- burg.	11.32	18.63	15.50
7111	CROUCH BROTHERS CO., ERIE, PA. Wheat Middlings with Ground Screen- ings not exceeding Mill Run.	Warren City Mills, Warren	10.10	19.94	15.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.31	4.00	5.46	9.00	1 90	White middlings with screenings not exceeding mill run.	Wheat flour middlings with screenings not exceeding mill run.	8317
4.24	2-5	4.51	3-8	2 00	Standard middlings, ----	Wheat flour middlings	8247
5.04	5.00	7.20	10.00	1 60	Standard middlings with mill run screenings.	Wheat flour middlings	7738
4.98	3.50	5.04	8.00	2 35	Red dog flour and standard wheat middlings may contain ground screenings not exceeding mill run.	Wheat flour middlings	7809
4.46	3.50	4.68	10.00	2 25	Clean flour middlings, -	Wheat flour middlings	7450
4.28	3.50	6.47	5.50	1 80	Flour middlings with ground wheat screenings not exceeding mill run.	As certified, -----	7264
5.18	3.50	6.64	9.00	2 00	White flour middlings with ground screenings not exceeding mill run.	As certified, -----	8333
5.82	4.00	6.61	8.00	2 50	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	6932
4.59	3-5	6.76	8-9	3 25	Flour middlings.	Wheat flour middlings	6808
5.28	3-6	5.46	5-8	1 60	White middlings.	Flour middlings and small amount ground grain screenings.	8280
5.76	-----	4.45	-----	1 60	White middlings.	Wheat flour middlings	8273
5.16	-----	5.91	-----	2 07			
4.50	4.00	4.60	8.00	1 55	Wheat middlings with mill run screenings.	Wheat brown shorts.	8239
5.08	5.00	6.29	5.00	2 05	Wheat middlings with ground screenings not exceeding mill run.	Wheat brown middlings and ground grain screenings.	7111

TABLE III.—ANALYSES OF SAMPLES OF

CEREAL ANALYST.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
7246	JOHN W. ESEHELMAN & SONS, LANCASTER, PA. White Middlings with Screenings not exceeding Mill Run.	John W. Eshelman & Sons, Lancaster,	% 10.22	% 17.06	% 16.00
8278	FRANKLIN MILLING CO., GLOBE MILLS, PA. *Wheat Middlings, -----	Franklin Milling Co., Globe Mills,	11.22	17.06	-----
7841	THE ISMERTHINCKE MILLING CO., KANSAS CITY, KANSAS. *Celia Winter Wheat Brown Shorts.	Muth Brothers, Elizabeth- town.	10.22	16.06	16.00
7551	THE WEBER FLOUR MILLS CORP., SALINA, KANS. Wheat Shorts & Wheat Screenings, --	A. T. Sprangle, DuBois,	11.25	18.06	16.00
	GRAY SHORTS.	Average, -----	10.55	17.81	-----
8274	J. A. EICHMAN, GLOBE MILLS PA. *Wheat Middlings, -----	J. A. Eichman, Globe Mills.	11.10	16.19	17.75
7146	BLAINE, MACKAY, LEE CO., NORTH EAST, PA. Pure Wheat Middlings, -----	F. L. Heath, Corry, ---	11.22	16.31	16.00
7640	PITTSFORD MILLING CO., INC., PITTSFORD, N. Y. *Saturn Wheat Middlings, -----	Elkland Roller Mills, Elk- land.	10.46	18.25	13.25
7190	"ENNANT & HOYT CO., LAKE CITY, MINN. Pure Flour Middlings, -----	Hudson & Kuhns, Greens- burg.	10.02	17.79	17.50
7120	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's No. 1 Wheat Middlings, ---	Keystone Cash Feed Store, Warren.	10.87	16.00	-----
	WHITE SHORTS.	Average, -----	10.73	16.91	-----
7575	BAY STATE MILLING CO., WINONA, MINN. Bay State Middlings, -----	Dayton Milling Co., Day- ton.	10.90	16.25	14.10
7546	Bay State Fancy White Flour Mid- dlings.	L. M. Kriner, DuBois, --	11.51	18.44	14.50
6970	BUSHKILL MILLING CO., EASTON, PA. Pure Wheat Middlings, -----	The Easton Flour & Feed Co., Easton.	11.95	14.38	15.00
7781	DAYTON MILLING CO., TOWANDA, PA. White Midds, -----	Dayton Milling Co., Towanda.	11.02	17.94	-----
7388	W. E. CUSTER, MILTON, PA. Pure Wheat Middlings, -----	W. E. Custer, Milton, --	10.75	14.75	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.15	4.00	6.12	9.00	33 00	White middlings with screenings not exceeding mill run.	Wheat brown middlings	7346
5.26	-----	5.28	-----	1 50	Wheat middlings.	Wheat brown shorts and small amount ground grain screenings.	8278
3.82	3.50	7.24	10.00	1 35	Winter wheat brown shorts with screenings not exceeding mill run.	As certified, -----	7841
4.83	3.50	6.08	5.50	1 90	Wheat shorts and ground wheat screenings not to exceed 4%.	Wheat brown shorts and ground grain screenings.	7551
5.11	-----	5.93	-----	33 67			
5.03	5.03	4.59	-----	1 60	Wheat middlings.	Wheat gray shorts,	8274
5.63	4.00	4.90	6.00	2 25	Pure wheat middlings with mill run screenings.	Wheat gray middlings and ground grain screenings.	7146
5.34	3.50	5.08	8.50	1 75	Wheat middlings with screenings not exceeding mill run.	Wheat gray middlings and ground grain screenings.	7640
5.87	5.00	4.81	5.25	1 80	Pure flour middlings.	Wheat gray shorts, --	7696
4.28	-----	5.42	-----	2 60	No. 1 Wheat middlings. Guaranteed pure and unadulterated.	Wheat gray middlings	7120
5.27	-----	4.96	-----	2 00			
2.74	2.90	2.50	1.90	2 00	Pure wheat products.	Wheat white middlings.	7575
4.41	2.00	2.55	1.90	2 10	White flour middlings.	As certified, -----	7546
3.95	4.00	3.58	8.00	3 20	Pure wheat middlings.	Wheat white middlings	6970
3.94	-----	4.65	-----	2 15	White middlings.	Wheat white middlings	7781
4.12	-----	3.28	-----	1 60	Pure wheat middlings.	Wheat white middlings	7388

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7297	ELIZABETHTOWN ROLLER MILLS, ELIZABETHTOWN, PA. *Pure Wheat Middlings, -----	Elizabethtown Roller Mills Elizabethtown.	% 9.99	% 16.06	% -----
8270	FURST BROTHERS, MILL HALL, PA. White Wheat Middlings, -----	Furst Brothers, Mill Hall,	11.70	16.44	14-17
8265	HEFTY MILLING CO., WATSON-TOWN, PA. *Wheat Middlings, -----	Chester A. Grove, West Milton,	10.67	16.75	14-16
8469	HIGHSPIRE FLOUR MILLS, INC., HIGHSPIRE, PA. Pure Wheat Middlings, -----	O. S. Ebersole & Co., Penbrook.	11.62	14.69	15.00
7084	HOFFER & GARMAN, INC., HARRISBURG, PA. Pure Flour Middlings, -----	Hoffer & Garman, Inc., Harrisburg.	12.45	17.31	14.00
6929	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN. Black Hawk Wheat Flour Middlings.	J. M. Wyckoff, East Stroudsburg.	11.50	17.06	14.00
8299	QUAKER CITY FLOUR MILLS CO., PHILADELPHIA, PA. Quaker City Flour Mills Co. Middlings.	Ezrl. Dunwoody Co., Philadelphia.	10.87	16.19	14.00
6867	THE QUAKER OATS COMPANY, CHICAGO, ILL. Red Dog Flour, -----	J. B. Anderson & Son, Shickshinny.	10.55	16.56	13-15
8125	THE RICHARDS & EVANS CO., CORTLAND, OHIO. Fancy Winter Wheat Middlings, -----	A. D. Davenport, Mead- ville.	8.97	15.19	14-17
7192	Pure Wheat Middlings, -----	John M. Porter, Sharon,	11.82	17.25	-----
8110	THE SOUTHWESTERN MILLING CO., INC., KANSAS CITY, MO. Red Turkey Pure Wheat Fancy White Middlings.	Seureman Milling Co., Wilkes-Barre.	10.99	16.19	14.00
	LOW GRADE FLOUR.	Average, -----	11.07	16.34	-----
8057	ACME-EVANS COMPANY, INDIANAPOLIS, IND. Acme Red Dog, -----	S. G. Updegraff & Son, Williamsport.	9.63	12.69	15.00
8125	ATCHISON MILLING CO., MINNEAPOLIS, MINN. Watchword Red Dog, -----	B. Lhormer, Clairton, --	11.02	18.44	17.00
8164	BAY STATE MILLING CO., WINONA, MINN. Bay State Fancy White Flour Middlings.	Oil City Milling Co., Oil City.	11.56	16.50	14.00
8227	BLAINE, MACKAY, LEE COMPANY, NORTH EAST, PA. *Red Dog Wheat Flour, -----	The Eldred Mill, Eldred,	10.40	17.13	17.00
7524	EAGLE ROLLER MILL CO., NEW ULM, MINN. Superb Red Dog, -----	J. C. Harrington Co., Montrose.	11.00	17.19	17.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.59	-----	3.24	-----	2 35	Pure wheat middlings.	Wheat white middlings	7297
5.36	4-5	3.38	-----	1 60	White wheat middlings.	Found also small amount ground grain screenings.	8270
4.84	3-5	3.68	-----	1 50	Wheat middlings.	Wheat white middlings	8265
3.29	4.00	3.14	5.00	2 10	Pure wheat middlings.	Wheat white middlings	7969
5.00	3.00	3.43	9.00	2 60	Pure flour middlings.	Wheat white middlings and small amount ground grain screenings.	7084
4.35	3.10	3.27	5.25	2 15	Wheat flour middlings.	Wheat white middlings	7929
4.70	4.00	3.93	5.00	1 70	Middlings made from pure wheat.	Wheat white middlings and ground grain screenings.	8299
4.07	3-5	3.33	4-5	3 60	Red dog flour made from wheat.	Wheat white shorts	6867
4.35	5-7	3.95	10.00	1 85	Winter wheat middlings.	Wheat white middlings	8135
4.23	-----	3.36	-----	2 25	Pure wheat middlings.	Wheat white middlings	7192
2.36	2.50	2.00	6.50	1 40	Pure wheat fancy white middlings.	As certified, -----	8110
4.14	-----	3.33	-----	2 13			
4.95	4.50	3.22	4.00	2 50	Wheat red dog flour.	As certified, -----	8057
3.91	4.50	3.55	4.00	2 00	Red dog.	As certified, -----	8125
3.71	2.00	2.01	1.90	2 45	White flour middlings.	Low grade flour, ----	8164
4.02	4.00	2.32	3.00	2 50	Red dog wheat flour.	As certified, -----	8227
5.14	5.00	3.09	7.40	2 20	Red dog.	Low grade flour, ----	7524

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7125	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y. Red Dog Flour, -----	Hammond Elevator Co., Corry.	% 11.82	% 19.06	% 15.50
7093	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN. XXX Comet Pure Wheat Product Composed of Red Dog Wheat Flour	Emporium Milling Co., Emporium.	10.72	18.06	16.00
7585	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury's XX Daisy, -----	D. H. Boarts, Kittanning.	11.56	19.31	16.00
8214	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN. Adrian Red Dog, -----	Jacob & Keller Co., St. Marys.	10.02	17.63	16.00
7556	WISCONSIN MILLING CO., MENOMONIE, WIS. *Red Dog, -----	Brown & Fassett, Montrose.	10.54	15.81	16.75
	RYE OFFALS.	Average, -----	10.82	17.88	-----
	RYE MIDLINGS. (With and without ground grain screenings).				
7283	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Choice Rye Middlings, -----	Miner-Hillard Milling Co., Wilkes-Barre.	10.86	16.38	12-15
7577	WASHBURN-CROSBY CO., MINNEAPOLIS, MINN. Pure Rye Middlings, -----	Wm. Gates Estate, Kittanning.	10.48	15.31	14.00
8326	Pure Rye Middlings, -----	Western Flour Co., Charleroi.	10.02	16.13	14.00
6931	Pure Rye Middlings, -----	J. M. Wyckoff, East Stroudsburg.	10.02	16.50	14.00
		Average, -----	10.17	15.98	-----
		Total average, -----	10.34	16.08	-----
	MIXED FEED: RYE BY-PRODUCTS.				
7739	WM. BACON-HOLMES COMPANY, CHELSEA, MICH. Rye Middlings, -----	Farmers' Co-operative Mercantile Co., Skidders Eddy.	9.80	15.44	-----
H 6985	WHEAT AND RYE OFFALS. MAUSER MILL CO., TREICHLERS PA. Wheat and Rye White Middlings, --	Mauser Mill Co., Allentown.	12.32	15.56	12.00
7000	Wheat and Rye White Middlings, --	Stemler Brothers, East Mauch Chunk.	12.00	15.50	12.00
		Average, -----	12.16	15.53	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.18	4.00	3.71	5.50	2 60	Red dog flour.	As certified, -----	7125
5.68	4.00	2.62	4.00	2 95	Pure wheat product composed of red dog wheat flour.	As certified, -----	7603
4.31	4.00	2.72	4.00	2 10	Pure wheat products.	Low grade flour, ----	7585
3.50	4.00	2.32	4.00	2 40	Red dog.	Low grade flour, ----	8214
3.75	5.50	2.62	4.50	2 20	Red dog.	Low grade flour, ----	7536
4.42	-----	2.81	-----	2 39			
3.44	2.50-5	3.82	• 3-5	1 45	Choice rye middlings with screenings not exceeding mill run.	As certified, -----	7283
3.72	3.00	4.89	6.00	1 50	Pure rye middlings, --	As certified, -----	7577
3.58	3.00	5.02	6.00	1 50	Pure rye middlings, --	As certified, -----	8326
3.65	3.00	5.46	6.00	2 70	Pure rye middlings, --	As certified, -----	6931
3.58	-----	5.12	-----	1 90			
3.55	-----	4.79	-----	1 79			
2.80	-----	3.82	-----	1 45	Rye middlings.	Rye mixed feed, -----	7739
4.05	4.00	3.55	10.00	2 75	Wheat and rye white middlings with ground screenings not exceeding mill run.	Ac certified, -----	6935
4.28	4.00	3.47	10.00	2.50	Wheat middlings and rye middlings.	As certified, -----	7000
4.17	-----	3.51	-----	2.63			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE QUAKER OATS CO., CHICAGO, ILL.		%	%	%
7252	Buckeye Feed, -----	The Bechtel Co., Monaca,	8.37	16.56	15.50
7572	Buckeye Feed, -----	Dayton Milling Co., Dayton.	9.54	15.56	15.50
7602	Buckeye Feed, -----	Roy J. Dunham, Wells- boro.	8.79	15.75	15.50
8077	Buckeye Feed, -----	Mahoning Supply Co., New Castle.	8.72	16.60	15.50
8242	Buckeye Feed, -----	Peoples Cash Grocery, Jersey Shore.	9.25	16.56	15.50
7185	Buckeye Feed, -----	John M. Porter, Sharon,	10.50	15.69	15.50
		Average, -----	9.19	16.14	-----
		Total average, ----	9.93	15.98	-----
	OAT BY-PRODUCTS.				
	OAT FEED.				
	PURITY OATS COMPANY, KEOKUK, IOWA.				
7839	Purity Oat Feed, -----	Muth Brothers, Elizabeth- town.	6.97	5.56	5.00
	ROBIN HOOD MILLS, LTD., MOOSE JAW, CANADA.				
7842	Oat Feed, -----	Muth Brothers, Elizabeth- town.	7.50	7.63	5.25
7305	Oat Feed, -----	West Willow Farmers Association, In c., West Willow.	6.25	7.50	5.25
		Average, -----	6.87	7.57	-----
		Total average, ----	6.90	6.90	-----
	BARLEY OFFALS.				
	BARLEY MIXED FEED.				
	THE QUAKER OATS CO., CHICAGO, ILL.				
8178	Barley Feed, -----	Mack Brothers, Titus- ville.	8.74	13.31	12.00
	BUCKWHEAT OFFALS.				
	BUCKWHEAT MIDDINGS.				
	EVANS MILLING COMPANY, BLOOMSBURG, PA.				
7018	Buckwheat Feed, -----	Evans Milling Company, Bloomsburg.	12.42	24.63	-----
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
7281	Choice Buckwheat Middlings with Screenings not exceeding Mill Run.	Miner-Hillard Milling Co., Wilkes-Barre.	11.33	26.19	26-25

FLEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.40	4.50	8.87	11.00	2 15	Wheat mixed feed with ground wheat screenings not exceeding mill run, rye middlings.	As certified, -----	7252
5.13	4.50	8.05	11.00	1 75	Wheat mixed feed with ground wheat screenings not exceeding mill run, rye middlings.	Found also trace small whole weed seeds.	7572
5.55	4.50	8.43	11.00	2 00	Wheat mixed feed with ground wheat screenings not exceeding mill run, rye middlings.	As certified, -----	7602
4.15	4.50	8.37	11.00	1 50	Wheat mixed feed with ground wheat screenings not exceeding mill run, rye middlings.	As certified, -----	8077
5.05	4.50	8.00	11.00	1 50	Wheat mixed feed with ground wheat screenings not exceeding mill run, rye middlings.	As certified, -----	8242
4.73	4.50	7.86	11.00	1 76	Wheat mixed feed with ground wheat screenings not exceeding mill run, rye middlings.	As certified, -----	7185
5.00	-----	8.36	-----	1 73			
4.79	-----	7.15	-----	1 99			
1.82	1.50	27.15	30.00	1 00	Oat middlings, oat shorts, oat hulls.	As certified, -----	7829
3.21	2.50	22.60	28.00	1 25	-----	Oat feed, -----	7842
3.68	2.50	22.45	28.00	22 00	-----	Oat feed, -----	7305
3.45	-----	22.52	-----	23 50			
2.90	-----	24.06	-----	22 33			
3.18	3.00	3.51	8.00	1 75	Barley feed, the entire by-product resulting from the manufacture of pearl barley.	As certified, -----	8178
6.93	-----	13.80	-----	3 00	-----	Buckwheat middlings	7018
7.39	5-8	7.02	7-12	1 75	Buckwheat middlings with screenings not exceeding mill run.	As certified, -----	7284

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
6892	SWOPE BROTHERS, JOHNSTOWN PA. Buckwheat Middlings, -----	Swope Brothers, Johnstown.	12.45	28.38	-----
6917	GEORGE WALTER & SONS, BUTLER, PA. Buckwheat Middlings, -----	George Walter & Sons, Butler.	8.97	21.69	-----
7106	WARREN CITY MILLS, WARREN, PA. Buckwheat Middlings, -----	Warren City Mills, Warren.	11.97	23.50	-----
	Average, -----		11.42	24.88	-----
	BUCKWHEAT FEED.				
7618	THE BIRKETT MILLS, PENN YAN, N. Y. Buckwheat Offal Feed, -----	Knoxville Roller Mills, Knoxville.	10.52	17.50	10.00
8091	WOLFF BROTHERS, PATERSON, N. J. Wolff's Buckwheat Grits Feed, -----	Minor-Hillard Milling Co., Plymouth.	8.07	17.44	15-20
	Average, -----		9.29	17.47	-----
	ALFALFA MEAL.				
7330	THE DENVER ALFALFA MILLING & PRODUCTS CO., LAMAR, COLO. Alfalfa Meal, -----	John W. Eshelman & Sons Lancaster.	7.00	15.19	12.00
7144	Alfalfa Meal, -----	J. L. Heath, Cerry, ----	9.52	14.63	12.00
7567	Alfalfa Meal, -----	Mahoning Valley Milling Co., Punxsutawney.	9.34	14.63	12.00
7285	Alfalfa Meal, -----	Minor-Hillard Milling Co. Wilkes-Barre.	7.38	14.69	12.00
8246	Alfalfa Meal, -----	J. Leedom Moore, Lancaster.	6.65	15.13	12.00
	Average, -----		7.87	14.85	-----
7250	THE ALBERT DICKINSON CO., CHICAGO, ILL. Alfalfa Meal, -----	Rochester Seed & Supply Co., Rochester.	6.42	13.00	12.00
6919	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y. Alfalfa Meal, -----	J. M. Wyckoff, East Stroudsburg.	5.62	13.88	12.00
7694	THE OTTO WEISS MILLING CO., WICHITA, KANS. Otto Weiss Alfalfa Meal, Coarse for Horses and Cows.	Emporium Milling Co., Emporium.	7.22	15.13	12.00
8109	Otto Weiss Alfalfa Meal, Coarse for Horses and Cows.	Southern Milling Co., Wilkes-Barre.	6.41	16.63	12.00
	Average, -----		6.81	15.88	-----
	Total average, -----		7.22	14.77	-----
	DRIED BEET PULP.				
7031	MAX HOTTELET, MILWAUKEE, WIS. Dried Beet Pulp, -----	George W. Engle, Hazleton.	6.65	8.38	8.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.63	-----	3.72	-----	2 75	-----	Buckwheat middlings	6892
5.24	-----	20.82	-----	40 00	-----	Buckwheat middlings	6917
6.61	-----	13.06	-----	2 50	-----	Buckwheat middlings	7106
6.76	-----	11.68	-----	48 00			
4.67	2.25	19.03	32.00	1 50	Buckwheat offal feed with screenings not exceeding mill run.	As certified, -----	7618
4.44	3.5 -4.5	19.00	15-20	1 50	Buckwheat products and buckwheat hulls.	Buckwheat feed, -----	8091
4.56	-----	19.01	-----	1.50			
1.99	1.50	28.59	35.00	35 00	Made from alfalfa hay.	As certified, -----	7336
1.65	1.50	29.12	35.00	3 00	Made from alfalfa hay.	As certified, -----	7144
1.89	1.50	29.40	35.00	2 10	Made from alfalfa hay.	As certified, -----	7567
2.13	1.50	28.30	35.00	1 90	Made from alfalfa hay.	As certified, -----	7285
2.43	1.50	31.62	35.00	2 00	Made From alfalfa hay.	As certified, -----	8346
1.92	-----	29.40	-----	43 00			
1.25	1.00	32.75	35.00	3 25	Alfalfa hay.	As certified, -----	7250
1.58	1.00	31.67	35.00	2 45	-----	Alfalfa meal, -----	6919
1.85	1.00	30.48	35.00	2 00	Ground alfalfa hay.	As certified, -----	7094
1.46	1.00	29.23	35 00	2 00	Ground alfalfa hay.	As certified, -----	8109
1.66	-----	29.85	-----	2 00			
1.75	-----	30.13	-----	45 44			
1.13	0.50	19.57	20.00	2 80	-----	Dried beet pulp, -----	7081

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
	THE LARROWE MILLING CO., DETROIT, MICH.		%	%	%
6875	Dried Beet Pulp, -----	Claude Davis, Windber,	5.90	9.88	8.00
7525	Dried Beet Pulp, -----	J. C. Harrington Co., Montrose.	7.65	8.44	8.00
8656	Dried Beet Pulp, -----	C. C. Hipple & Son, West Chester.	7.60	10.00	8.00
7651	Dried Beet Pulp, -----	H. J. Klingler & Co., Butler.	8.28	8.81	8.00
7041	Dried Beet Pulp, -----	Manser Mill Co., Hazle ton.	7.40	9.81	8.00
7286	Dried Beet Pulp, -----	Miner-Hillard Milling Co. Wilkes-Barre.	8.71	8.31	8.00
8330	Dried Beet Pulp, -----	Richey & McFarland, Carnegie.	7.35	9.63	8.00
8324	Dried Beet Pulp, -----	Western Flour Co., Monessen.	6.82	9.25	8.00
6925	Dried Beet Pulp, -----	J. M. Wyckoff, East Stroudsburg.	7.15	8.56	8.00
		Average, -----	7.42	9.19	-----
7505	Dried Beet Pulp and Molasses, -----	C. B. Tyler, Tunkhannock	7.44	8.88	9.00
	THE GREAT WESTERN SUGAR CO., DENVER, COLO.				
6880	Dried Molasses-Beet Pulp, -----	J. H. Hershberger & Son Johnstown.	7.60	10.31	8.00
8348	Dried Molasses-Beet Pulp, -----	J. Leedom Moore, Llan- erch.	6.85	11.00	8.00
		Average, -----	6.92	10.66	-----
		Total average, -----	7.29	9.33	-----
	MIXED FEEDS.				
	PROPRIETARY DAIRY FEED.				
	AMERICAN MILLING CO., PEORIA, ILL.				
7711	American Dairy Ration, -----	Dull & Co., Connellsville,	8.25	24.06	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
0.70	0.50	20.02	20.00	60 60	Residue of sugar beets dried after extraction of sugar.	As certified, -----	6575
0.65	0.50	18.85	20.00	2 00	Residue of sugar beets dried after extraction of sugar.	As certified, -----	7525
1.13	0.50	19.75	20.00	31 00	Residue of sugar beets dried after extraction of sugar.	As certified, -----	8653
0.54	0.50	19.18	20.00	1 75	Residue of sugar beets dried after extraction of sugar.	As certified, -----	7651
1.25	0.50	19.87	20.00	2 80	Residue of sugar beets dried after extraction of sugar.	As certified, -----	7041
1.07	0.50	19.53	20.00	2 60	Residue of sugar beets dried after extraction of sugar.	As certified, -----	7286
0.52	0.50	20.05	20.00	1 75	Residue of sugar beets dried after extraction of sugar.	As certified, -----	8330
0.79	0.50	19.58	20.00	1 70	Residue of sugar beets dried after extraction of sugar.	As certified, -----	8324
0.58	0.50	19.20	20.00	2 85	Residue of sugar beets dried after extraction of sugar.	As certified, -----	6925
0.80	-----	19.50	-----	43 11			
0.66	0.50	16.80	18.00	2 75	Dried beet pulp and beet molasses.	As certified, -----	7505
0.80	-----	15.80	20.00	3.25	Residue of sugar beets (Molasses and pulp) dried after extraction of sugar.	As certified, -----	6880
1.18	-----	16.35	20.00	1 60	Residue of sugar beets (Molasses and pulp) dried after extraction of sugar.	As certified, -----	8348
0.99	-----	16.07	-----	2 43			
0.85	-----	18.77	-----	45 84			
4.91	5.50	8.85	10.00	2 40	Corn distillers' dried grains, prime cottonseed meal, linseed meal, corn gluten feed, dried sugar beet pulp, wheat bran, corn meal, wheat middlings, salt and calcium carbonate, cocoanut meal, prime peanut meal.	Cocoanut meal and prime peanut meal not detected. Found also palm* nut oil meal.	7711

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
8218	American Dairy Ration, -----	Eulalia Milling Co., Coudersport.	% 7.67	% 24.00	% 24.00
8256	American Dairy Ration, -----	E. C. Noll, Lewisburg,	8.87	24.94	24.00
7634	American Dairy Ration, -----	H. Z. Pride & Son, Westfield.	7.55	25.88	24.00
6869	J. B. ANDERSON & SON SHICK- SHINNY, PA. Bullygood Dairy Feed, -----	Average, -----	8.08	24.72	-----
		J. B. Anderson & Son, Shickshinny.	9.57	19.50	-----
8320	J. J. BADENOCH & CO., CHICAGO, ILL. Graingold Dairy Feed, -----	Champion Mills, South Brownsville.	7.78	28.00	25.00
8119	Graingold Dairy Feed, -----	James B. Hayward & Son Monongahela.	7.95	27.44	25.00
8028	Graingold Dairy Feed, -----	Stager Co., New Brighton	8.00	25.94	26.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.24	5.50	7.83	10.00	2 35	Corn distillers' dried grains, prime cottonseed meal, cocoanut meal, linseed meal, corn gluten feed, prime peanut meal, dried sugar beet pulp, wheat middlings, corn feed meal, salt, wheat bran and calcium carbonate.	Cocoanut oil meal not detected. Found also brewers' dried grains, small amount of peanut hulls and small whole weed seeds.	8218
5.01	5.50	7.41	10.00	2 25	Corn distillers' dried grains, prime cottonseed meal, cocoanut meal, linseed meal, corn gluten feed, prime peanut meal, dried sugar beet pulp, wheat middlings, corn feed meal, salt, wheat bran and calcium carbonate.	Found also brewers' dried grains and palm nut oil meal.	8256
5.58	5.50	8.86	10.00	2 50	Corn distillers' dried grains, prime cottonseed meal, cocoanut meal, linseed meal, corn gluten feed, prime peanut meal, dried sugar beet pulp, wheat middlings, corn feed meal, salt, wheat bran and calcium carbonate.	As certified, -----	7634
5.19	-----	8.23	-----	2 35			
5.08	-----	10.49	-----	3 45	Beet pulp, copra meal, oil meal, brewers grains, ground oats, cottonseed meal, Schumacher Feed, corn gluten, wheat bran, corn meal, wheat standard middlings and $\frac{1}{2}$ of 1% salt.	Found also as supplied by Schumacher Feed, linseed oil meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ground barley.	6869
5.80	5.00	10.94	14.00	2 50	Hominy feed, cottonseed meal, ground oats, O. P. linseed oil meal, gluten feed, bran with ground screenings not to exceed mill run, peanut oil meal, ground barley and salt.	Found also small amount peanut hulls.	8220
5.37	5.00	10.50	14.00	2 40	Hominy feed, cottonseed meal, ground oats, O. P. linseed oil meal, gluten feed, bran with ground screenings not to exceed mill run, peanut oil meal, ground barley and salt.	As certified, -----	8118
6.12	5.00	12.07	14.00	2 50	Hominy feed, cottonseed meal, ground oats, O. P. linseed oil meal, gluten feed, bran with ground screenings not to exceed mill run, peanut oil meal, ground barley and salt.	As certified, -----	8028

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8000	Graingold Dairy Feed, -----	J. M. Strosinder, Waynesburg.	% 8.36	% 24.63	% 26.00
		Average, -----	8.02	26.50	-----
7999	The Milky Way Dairy Ration, -----	J. M. Strosinder, Waynesburg.	8.17	19.69	20.00
7512	BROWN & FASSETT, TUNK- HANNOCK, PA. B. & F. Dairy Ration, -----	Brown & Fassett, Tunkhannock.	8.66	23.91	23.00
7513	B. & F. Milk Ration, -----	Brown & Fassett, Tunkhannock.	8.13	22.38	20.00
7991	CHAPIN & CO., HAMMOND, IND. Acorn Dairy Feed, -----	S. C. Hunter Co., Washington.	9.33	19.00	20.00
7988	Unicorn Dairy Ration, -----	Canonsburg Milling Co., Canonsburg.	8.15	25.00	24.00
8061	Unicorn Dairy Ration, -----	F. W. Dawson & Son, Williamsport.	7.98	24.13	24.00
8296	Unicorn Dairy Ration, -----	Ezl. Dunwoody Co., Philadelphia.	8.12	25.94	24.00
7579	Unicorn Dairy Ration, -----	J. A. Gualt & Co., Kittanning.	9.70	24.31	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Id-entified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
6.04	5.00	13.35	14.00	2 50	Hominy feed, cottonseed meal, ground oats, O. P. linseed oil meal, gluten feed, bran with ground screenings not to exceed mill run, peanut oil meal, ground barley and salt.	As certified, -----	8000
5.83	-----	11.86	-----	2 48			
5.03	5.00	15.27	12.00	2 25	Cottonseed meal, O. P. linseed oil meal, gluten feed, wheat middlings, wheat bran with screenings not exceeding mill run, corn feed meal, clipped oat by-products, ground barley, peanut oil meal, calcium carbonate and salt.	As certified, -----	7999
5.32	5.00	7.45	10.00	2 15	Cottonseed meal, old process oil meal, corn gluten feed, wheat bran, wheat middlings, hominy feed, ground oats, 1% salt.	As certified, -----	7512
5.49	5.00	6.98	10.00	2 15	Cottonseed meal, old process oil meal, corn gluten feed, wheat bran, corn meal, ground oats, 1% salt.	As certified, -----	7513
3.45	3.00	6.96	10.00	2 00	Cottonseed meal, linseed meal, wheat bran with mill run screenings, corn gluten feed, ivory nut meal, cocoanut meal, corn feed meal, starch mill corn solubles with calcium salts, salt, Kaffir meal.	Cocoanut meal not detected. Found also brewers' dried grains.	7991
5.51	4.50	8.62	10.00	2 30	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers grains, wheat bran, hominy meal and salt.	Found also malt sprouts and small amount ground grain screenings.	7988
5.23	4.50	7.92	10.00	2 50	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers grains, wheat bran, hominy meal and salt.	As certified, -----	8061
5.44	4.50	7.74	10.00	2 30	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers grains, wheat bran, hominy meal and salt.	Found also malt sprouts and small amount ground grain screenings.	8296
4.79	4.50	8.13	10.00	2 55	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers grains, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	7579

TABLE III.—ANALYSES OF SAMPLES OF

Chemists' number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7116	Unicorn Dairy Ration, -----	Keystone Cash Feed Store Warren.	% 8.10	% 24.13	% 24.00
8127	Unicorn Dairy Ration, -----	J. H. Lavery's Sons, Franklin.	7.97	25.50	24.00
7394	Unicorn Dairy Ration, -----	C. H. McMahon, Milton,	7.65	25.50	24.00
7188	Unicorn Dairy Ration, -----	John M. Porter, Sharon	9.10	24.00	24.00
7637	Unicorn Dairy Ration. -----	H. Z. Pride & Son, Westfield.	7.81	24.56	24.00
8183	Unicorn Dairy Ration, -----	J. H. Rickenbrode, Hydetown.	8.07	25.56	24.00
7237	Unicorn Dairy Ration. -----	Rochester Seed & Supply Co., Rochester.	8.75	24.06	24.00
7978	Unicorn Dairy Ration. -----	I. W. Scott Co., Pittsburgh.	8.50	25.06	24.00
8204	Unicorn Dairy Ration, -----	Smith Brothers, Inc., Bradford.	8.02	25.50	24.00
8029	Unicorn Dairy Ration. -----	Stager Co., New Brighton.	8.49	24.81	24.00
8449	Unicorn Dairy Ration, -----	State Hospital Farm, Danville.	7.40	25.06	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.48	4.50	7.65	10.00	2 90	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, (with mill run screenings), hominy meal, salt.	As certified, -----	7116
5.77	4.50	8.10	10.00	2 50	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	As certified, -----	8127
4.50	4.50	7.95	10.00	2 65	Cottonseed meal linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	As certified, -----	7394
6.05	4.50	8.35	10.00	2 60	Cottonseed meal linseed meal, corn gluten meal, corn oil meal, brewers' grains, wheat bran, hominy meal, salt.	As certified, -----	7188
6.20	4.50	8.00	10.00	2 50	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	Found also malt sprouts and small amount ground grain screenings.	7637
5.25	4.00	7.70	10.00	2 50	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran with mill run screenings, hominy meal, salt.	Found also malt sprouts.	8123
6.40	4.50	9.37	10.00	2 75	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	7237
5.03	4.50	8.06	10.00	2 50	Cottonseed meal, linseed meal, corn gluten meal, corn oil meal, brewers' grains wheat bran with mill run screenings, hominy meal, salt.	As certified, -----	7873
5.09	4.50	7.99	10.00	2 40	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	As certified, -----	8204
5.23	4.50	7.99	10.00	2 40	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	8029
5.78	4.50	8.30	10.00	41 25	Cottonseed meal, linseed meal, corn gluten meal, corn oil meal, brewers' grains, wheat bran, hominy meal, salt.	Found also small amount ground grain screenings.	8149

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8323	Unicorn Dairy Ration, -----	Western Flour Co., Monessen.	% 8.58	% 25.25	% 24.00
		Average, -----	8.27	24.90	-----
7464	CLOVER LEAF MILLING COMPANY, BUFFALO, N. Y. Advanced Registry Dairy Feed, -----	S. A. Fishburn, Paxtonia	8.26	27.38	25.60
7216	Advanced Registry Dairy Feed, -----	Juniata Feed & Flour Co., Tyrone.	8.40	26.39	25.00
		Average, -----	8.33	26.88	-----
8194	Old Colony Feed, -----	E. Colquist, Mt. Jewett,	8.67	24.38	20.00
7217	Old Colony Feed, -----	Juniata Feed & Flour Co., Tyrone.	8.52	23.50	20.00
7218	Old Colony Feed, -----	Juniata Feed & Flour Co., Tyrone.	8.12	22.00	20.00
		Average, -----	8.43	23.29	-----
7064	THE CORNO MILLS CO., ST. LOUIS, MO. Corno Dairy Feed, -----	Earley & Detweiler, Palmyra.	8.75	23.81	24.00
8050	Corno Dairy Feed, -----	Good's City Mills Williamsport.	8.72	25.94	24.00
		Average, -----	8.73	24.88	-----
8051	Pawnee Dairy Feed, -----	Good's City Mills Williamsport.	7.75	19.25	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.28	4.50	8.28	10.00	2 40	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn oil meal, brewers' grains, wheat bran, hominy meal and salt.	As certified, -----	8323
5.48	-----	8.14	-----	49 76			
5.48	5.50	8.71	11.00	2 50	Hominy feed, corn gluten feed, linseed meal, (old process), coconut oil meal, (old process), wheat bran, wheat middlings, dried grains from barley, malt and corn, cottonseed meal, and one-half of one per cent. fine table salt.	As certified, -----	7464
6.13	5.50	10.17	11.00	3.10	Hominy feed, corn gluten feed, linseed meal, (old process), coconut oil meal, (old process), wheat bran, wheat middlings, dried grains from barley, malt and corn, cottonseed meal, and one-half of one per cent. fine table salt.	Found also ground grain screenings.	7216
5.81	-----	9.44	-----	2 70			
4.90	3.50	8.48	12.00	2 35	Cotton seed meal, corn gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings, $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	8194
5.18	3.50	8.98	12.00	3 10	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings, $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	7217
4.85	3.50	8.55	12.00	3 10	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings, $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	7218
4.98	-----	8.67	-----	2 85			
5.20	4.50	8.91	9.50	3 00	Gluten feed, cottonseed meal, wheat bran, linseed meal, wheat middlings and 1% salt.	As certified, -----	7064
4.60	4.50	9.20	9.50	2 75	Gluten feed, cottonseed meal, wheat bran, linseed meal, wheat middlings and 1% salt.	As certified, -----	860
4.95	-----	9.05	-----	2 88			
3.85	4.00	15.29	10.00	2 50	Gluten feed, cottonseed meal, wheat bran, oat middlings, oat shorts, oat hulls, choice alfalfa meal, linseed meal and 1% salt.	As certified, -----	8051

TABLE III.—ANALYSES OF SAMPLES OF

Chemists' number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7715	Pawnee Dairy Feed, -----	Hardy & Porter, Dunbar	% 8.52	% 22.06	% 20.00
		Average, -----	3.13	20.66	-----
7625	CURTISS GRAIN CORPORATION, BUFFALO, N. Y. Curtiss Dairy Ration, -----	Farmers' Co-operative Union, Knoxville.	8.65	23.75	20.00
7871	Curtiss Dairy Ration, -----	H. H. Lysinger & Son, Bedford.	9.37	23.19	20.00
		Average, -----	9.01	23.47	-----
7783	DAYTON MILLING CO., TOWANDA, PA. Dayton's Dairy Ration—A, -----	Dayton Milling Co., Towanda.	9.80	24.06	20.00
7691	DEAN & LEE, HORSEHEADS, N. Y. Pioneer Dairy Ration, -----	F. P. Case & Son, Troy.	9.35	25.63	24-26
8070	THE DEWEY BROTHERS CO., BLANCHESTER, OHIO. Dewey's Ready Ration, -----	John S. Brown, & Sons, New Castle.	3.81	25.56	25.00
7936	THE ALBERT DICKINSON CO., CHICAGO, ILL. Dickinson Dairy Feed, -----	The Leechburg Flouring Mills, Leechburg.	3.65	24.06	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.23	4.00	10.56	10.00	2 50	Gluten feed, cottonseed meal, wheat bran, oat middlings, oat shorts, oat hulls, wheat middlings, hominy feed, linseed meal and 1% salt.	Found also small amount ground grain screenings.	7715
4.54	-----	12.92	-----	2 50			
6.13	4-5	10.87	10-12	45 00	Wheat bran, wheat middlings, may contain ground grain screenings not exceeding mill run, O. P. oil meal, copra meal, beet pulp, cotton seed meal, corn gluten feed, brewers' dried grains and salt.	As certified, -----	7625
4.72	4-5	10.27	10-12	2 00	Wheat bran, wheat middlings, may contain ground grain screenings not exceeding mill run, O. P. oil meal, copra meal, beet pulp, cotton seed meal, corn gluten feed, brewers' dried grains and salt.	As certified, -----	7871
5.43	-----	10.57	-----	42 50			
4.94	3.00	7.70	10.00	2 15	Gluten, oil meal, wheat feed, corn meal, cottonseed meal, huck-wheat middlings and salt.	Found also small amount ground grain screenings.	7783
5.94	5-6	9.78	9-10	2 60	Corn distillers' dried grains cottonseed meal, old process oil meal, corn gluten feed, corn feed meal, hominy feed, ground barley, ground oats, wheat middlings, dried brewers' grains, our own make wheat bran, 1% salt.	As certified, -----	7691
6.40	6.00	7.75	11.00	2 25	Corn distillers' dried grains, brewers' dried grains, linseed oil meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, corn gluten feed, hominy and $\frac{1}{2}$ of 1% salt.	As certified, -----	8070
4.68	5.50	8.86	10.00	2 25	Corn gluten feed, brewers' dried grains, wheat bran, wheat middlings, cottonseed meal, linseed oil meal, hominy feed, salt $\frac{1}{2}$ of 1%.	As certified, -----	7906

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7925	Dickinson Dairy Feed, -----	J. A. McKelvey, Blairsville.	% 8.75	% 27.19	% 24.00
8329	Dickinson Dairy Feed, -----	Richey & McFarland, Carnegie.	6.52	25.00	24.00
	EDGAR-MORGAN CO., MEMPHIS, TENN.	Average, -----	7.97	25.42	-----
6961	Happy Cow Feed (Dry), -----	Easton Mercantile Co., Easton.	8.05	24.94	24.00
7318	Happy Cow Feed (Dry), -----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	7.94	24.31	24.00
	THE ELDAD MILLING CO., BUFFALO, N. Y.	Average, -----	7.99	24.63	-----
8210	Milk Maid's Choice Dairy Feed, -----	C. L. Douglass, Bradford.	8.02	21.88	22.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7334	Eshelman's 25 Dairy Feed, -----	John W. Eshelman & Sons, Lancaster.	8.31	24.81	25.00
7463	Eshelman's 25 Dairy Feed, -----	S. A. Fishburn, Paxtonia	7.67	27.81	25.00
8337	Eshelman's 25 Dairy Feed, -----	J. Freedom Moore, Lancaster.	8.02	28.38	25.00
7074	Eshelman's 25 Dairy Feed, -----	Paxton Flour & Feed Co., Harrisburg.	8.87	26.38	25.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.90	5.50	9.03	10.00	2 40	Corn gluten feed, brewers' dried grains, wheat bran, wheat middlings, cottonseed meal, linseed oil meal, hominy feed, salt $\frac{1}{2}$ of 1%.	As certified, -----	7925
4.70	5.50	7.95	10.00	2 50	Corn gluten feed, brewers' dried grains, wheat bran, cottonseed meal, linseed oil meal, hominy feed and $\frac{1}{2}$ of 1% salt.	As certified, -----	8329
4.76	-----	8.61	-----	2 38			
6.50	5.00	14.20	13.50	50 60	Velvet bean feed, coconut meal, corn feed meal, peanut oil meal, wheat bran, alfalfa meal, cottonseed meal, salt.	Found also trace of peanut bulls.	6961
4.95	4.50	13.11	16.0	45 00	Velvet bean feed, coconut meal, corn feed meal, peanut meal, wheat bran, alfalfa meal, cottonseed meal, $\frac{1}{2}$ of 1% salt.	Found also small amount peanut bulls.	7318
5.73	-----	13.65	-----	47 50			
5.14	5.00	7.25	10.00	2 50	Oats, barley, corn, wheat bran, wheat midds, corn gluten, hominy feed, oil meal, cottonseed meal, salt $\frac{3}{4}$ of 1%.	Barley not detected,	8210
5.48	5.00	8.80	12.00	39 00	Choice cottonseed meal, wheat middlings, wheat bran, beet pulp, old process linseed and rapeseed meal, corn gluten feed, corn gluten meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal and dried beet pulp.	7334
5.83	5.00	8.19	12.00	2 30	Choice cottonseed meal, wheat middlings, wheat bran, beet pulp, old process linseed and rapeseed meal, coconut oil meal, corn gluten feed, corn gluten meal, $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal.	7463
5.02	5.00	7.60	12.00	2 50	Choice cottonseed meal, wheat middlings, wheat bran, beet pulp, old process linseed meal, coconut oil meal, corn gluten feed, corn gluten meal, $\frac{1}{2}$ of 1% salt.	Salt not detected, --	8337
6.66	5.00	9.15	12.00	2 75	Choice cottonseed meal, wheat middlings, wheat bran, beet pulp, old process linseed and rapeseed meal, coconut oil meal, corn gluten feed, corn gluten meal, $\frac{1}{2}$ of 1% salt.	Rapeseed meal and coconut oil meal not detected. Found also mustard oil cake meal, trace of peanut hulls and small whole weed seeds.	7074

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7302	Eshelman's 25 Dairy Feed, -----	West Willow Farmers' Association, Inc., West Willow.	% 7.91	% 25.94	% 25.00
		Average, -----	8.15	26.66	-----
7594	FARMERS' CO-OPERATIVE UNION WELLSBORO, PA. Co-operative Mixture for Milk Cows	Farmers' Co-operative Union, Wellsboro.	9.69	21.56	24-26
8101	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Milk Maker, -----	Plymouth Mill & Grain Co., Plymouth.	7.92	22.56	20.00
6998	HALES & HUNTER CO., CHICAGO, ILL. College Dairy Feed 25% Protein, ----	Stemler Brothers, East Mauch Chunk.	8.87	23.19	25.00
7134	HAMMOND ELEVATOR CO., Corry, PA. *Hammond Dairy Ration, -----	Hammond Elevator Co., Corry.	10.20	18.03	-----
7629	KASCO MILLS, INC., WAVERLY, N. Y. Big Repeater Ready Ration Dairy Feed.	Farmers' Co-operative Union Knoxville.	9.69	24.06	22.00
7590	Big Repeater Ready Ration Dairy Feed.	Farmers' Co-operative Union Wellsboro.	9.86	24.06	22.00
		Average, -----	9.77	24.06	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton of cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.77	5.00	8.94	12.00	45 00	Choice cottonseed meal, wheat middlings, wheat bran, beet pulp, old process linseed and rapeseed meal, coconut oil meal, corn gluten feed, corn gluten meal, $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal.	7302
5.75	-----	8.53	-----	47 00			
5.06	5-6	6.99	13.00	2 25	Wheat bran, wheat middlings, corn gluten feed, cottonseed meal, oil meal, ground oats, brewers' dried grain, buckwheat shorts and salt.	Found also corn feed meal. "Oil meal" identified as linseed oil meal.	7504
5.95	5.00	8.93	12.00	2 75	Linseed oil meal, cottonseed meal, coconut oil meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, wheat middlings with palm oil, ground oats and one half of one per cent. salt. (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.)	As certified, -----	8107
5.28	4.00	8.42	10.00	3 25	Corn feed meal, wheat bran, O. P. linseed oil meal, corn, gluten feed, cottonseed meal, ground oat clippings, ground oat shorts and $\frac{1}{2}$ of 1% salt.	As certified, -----	6998
5.00	-----	9.45	-----	2 00	Corn meal, ground oats, linseed meal, cottonseed meal, gluten.	As certified, -----	7134
5.08	4.50	9.60	10.00	45 00	Cottonseed meal, bran, old process oil meal, gluten feed, cereal wheat feed, middlings, dried sugar beet pulp, hominy feed.	Cereal wheat feed identified as roasted wheat bran.	7629
4.89	4.50	9.35	10.00	2 25	Cottonseed meal, bran, old process oil meal, gluten feed, cereal wheat feed, middlings, dried sugar beet pulp, hominy feed.	Cereal wheat feed identified as roasted wheat bran. Found also ground Kaffir corn and small amount ground grain screenings.	7590
5.49	-----	9.47	-----	45 00			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
5964	Mormilk Dairy Ration, -----	T. F. Watson, Coraopolis	% 8.31	% 25.00	% 25.00
8184	KERR MILLING CO., TITUSVILLE PA. Kereo Dairy Feed, -----	Kerr Milling Co., Titusville.	9.57	19.63	18.00
7414	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger Cream City Dairy Feed, ----	Joshua Stonfer & Son, Huntingdon.	9.51	22.19	20.00
7022	Badger Kramco, -----	George W. Engle, Hazleton.	8.72	17.94	20.00
7905	Badger Kramco, -----	Farmers Exchange, Indiana.	9.07	20.63	20.00
7959	Badger Kramco, -----	Munhall Feed Co., Munhall.	8.85	20.88	20.00
7982	Badger Kramco, -----	Nicholas & Wolf, Tarentum.	7.62	21.50	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.45	5.00	7.95	10.00	2 40	Hominy feed, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, corn gluten feed and $\frac{3}{4}$ of 1% salt.	As certified, -----	8064
5.30	5.00	7.11	6.00	2 40	Corn meal, ground oats, wheat bran, wheat middlings, buckwheat middlings, oil meal.	Found also barley feed.	8184
5.58	4.50	10.43	15.00	2 60	Gluten feed, cottonseed meal, hominy feed, brewers' dried grains, O. P. linseed oil meal, ground and bolted screenings, wheat bran, wheat middlings, in a lt sprouts, corn germ meal and salt.	As certified, -----	7414
4.58	3.00	12.27	14.00	3 25	Cottonseed meal, gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings, (with ground screenings not exceeding mill run), Badger hominy feed, corn germ meal and salt.	As certified, -----	7022
4.29	3.00	8.46	14.00	2 50	Cottonseed meal, gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings, (with ground screenings not exceeding mill run), Badger hominy feed, corn germ meal and salt.	Found also corn feed meal.	7905
5.13	3.00	9.92	14.00	2 40	Badger hominy feed, dried beet pulp, O. P. linseed oil meal, cottonseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings, corn feed meal and salt.	As certified, -----	7959
5.41	2.00	8.54	14.00	2 40	Badger hominy feed, dried beet pulp, O. P. linseed oil meal, cottonseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings, corn feed meal and salt.	Found also corn germ meal.	7982

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7076	Badger Kramco, -----	Paxton Flour & Feed Co., Harrisburg.	% 8.25	% 20.94	% 20.00
7470	Badger Kramco, -----	Paxton Flour & Feed Co., Progress.	8.03	20.63	20.00
8081	Badger Kramco, -----	J. B. Roux, Farrell, ---	8.35	20.38	20.00
8030	Badger Kramco, -----	Peter Shaffer & Son, New Brighton.	7.98	20.00	20.00
		Average, -----	8.35	20.28	-----
7413	Badger Milk-Mor Feed, -----	Joshua Stouffer & Son, Huntingdon.	10.00	13.31	12.00
7417	Krause Dairy Feed, -----	Joshua Stouffer & Son Huntingdon.	8.21	23.75	24.00
8117	LADISH MILLING CO., MILWAUKEE, WIS. True Value Dairy Feed (Dry), -----	James B. Hayward & Son Monongahela.	8.50	24.00	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.85	3.00	8.72	14.00	2 85	Cottonseed meal, gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings with ground screenings not exceeding mill run, Badger hominy feed, corn germ meal and salt.	Found also buckwheat	7076
5.46	3.00	8.32	14.00	2 50	Cottonseed meal, gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran, wheat middlings with ground screenings not exceeding mill run, Badger hominy feed, corn germ meal and salt.	Found also malt sprouts.	7470
5.34	3.00	9.69	14.00	2 55	Badger hominy feed, dried beet pulp, O. P. linseed oil meal, cottonseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings, corn feed meal, salt.	Found also corn germ meal.	5081
5.30	3.00	9.05	14.00	2 25	Badger hominy feed, dried beet pulp, O. P. linseed oil meal, cottonseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings, corn feed meal, salt.	Distillers' dried grains and linseed oil meal not detected. Found also corn oil cake meal.	8030
5.17	-----	9.37	-----	2 59			
4.15	4.00	4.44	5.00	2 50	Maize reddog flour, wheat bran, with ground screenings not exceeding mill run and ground Kaffir corn.	Ground Kaffir corn not detected. Found also finely ground white corn.	7413
6.39	5.00	8.13	10.00	3 00	Brewers' dried grains, corn gluten feed, old process linseed oil meal, malt sprouts, cottonseed meal, hominy feed, corn germ meal, wheat bran, wheat middlings (with screenings not exceeding mill run), copra meal and salt.	As certified, -----	7417
6.02	5.00	8.50	10.00	2 40	Cottonseed meal, linseed meal, corn gluten feed, ground oats, hominy feed, copra meal, ground corn, wheat bran, wheat middlings with ground screenings not to exceed mill run and salt.	Cocoonut oil meal not detected. Found also malt sprouts.	8117

TABLE III.—ANALYSES OF SAMPLES OF

Chemists' number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7922	True Value Dairy Feed (Dry), -----	West Apollo Milling Co., Apodo.	% 8.85	% 25.38	% 24.00
		Average, -----	8.67	25.04	-----
8069	THE LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO. Victory Grains Dairy Food, -----	F. W. Hutchison, New Castle.	7.74	20.69	20.00
8115	Victory Grains Dairy Feed, -----	J. P. Morrowson, Ell- wood City.	8.16	21.56	20.00
		Average, -----	7.95	21.13	-----
7409	THE LARROWE MILLING CO., DETROIT, MICH. Larro Feed, -----	Cash Feed & Supply Co., Huntingdon.	8.36	22.19	20.00
7692	Larro Feed, -----	Emporium Milling Co., Emporium.	9.52	20.81	20.00
7143	Larro Feed, -----	F. L. Heath, Corry, ---	9.65	20.94	20.00
7583	Larro Feed, -----	Heigh Street Mill, Kittan- ning.	8.77	20.63	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.53	5.00	9.65	10.00	2 10	Cottonseed meal, linseed oil meal, corn gluten feed, ground oats, hominy feed, copra meal, (cocoanut oil meal), ground corn, wheat bran, wheat middlings with ground screenings not exceeding mill run, 1% salt.	As certified, -----	7922
5.78	-----	9.07	-----	2 25			
5.46	3.00	7.73	14.00	2 35	Cottonseed meal, O. P. oil meal, corn gluten feed, ground oats, ground barley meal, white hominy meal, wheat bran, dried beet pulp, $\frac{1}{2}$ of 1% salt.	Found also corn feed meal.	8069
4.87	3.00	8.99	14.00	2 50	Cottonseed meal, O. P. oil meal, corn gluten feed, ground oats, ground barley meal, white hominy meal, wheat bran, dried beet pulp, $\frac{1}{2}$ of 1% salt.	Salt not detected, ----	8115
5.17	-----	8.36	-----	2 43			
4.61	3.00	11.82	14.00	2 50	Cottonseed meal, corn gluten feed, old process linseed oil meal, dried beet pulp, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7409
4.35	3.00	10.17	14.00	3 00	Cottonseed meal, corn gluten feed, old process linseed oil meal, dried beet pulp, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7092
5.31	3.00	10.87	14.00	2 90	Cottonseed meal, corn gluten feed, old process linseed oil meal, dried beet pulp, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7143
4.06	3.00	11.21	14.00	1 30	Cottonseed meal, corn gluten feed, old process linseed oil meal, dried beet pulp, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7583

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8199	Larro Feed, -----	W. W. Hewett, Johnsonburg.	% 9.10	% 21.81	% 20.00
8351	Larro Feed, -----	C. C. Hipple & Son, West Chester.	8.47	20.00	20.00
7913	Larro Feed, -----	Indiana Roller Mills, Indiana.	8.45	22.19	20.00
8126	Larro Feed, -----	Johnson & Co., Franklin	8.47	20.56	20.00
7964	Larro Feed, -----	E. P. Junker, McKeesport,	8.92	21.56	20.00
7621	Larro Feed, -----	Knoxville Roller Mills, Knoxville.	9.29	22.56	20.00
7957	Larro Feed, -----	Kooser & Dale, Duquesne	8.40	21.75	20.00
7314	Larro Feed, -----	The Lancaster County Farmers Supply Co., ne., Lancaster.	8.33	21.88	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.95	3.50	11.03	14.00	2 65	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	8190
4.17	3.50	12.24	14.00	48 00	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	8351
3.76	3.00	11.73	14.00	2 50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7913
3.61	3.50	10.72	14.00	2 40	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	8126
3.70	3.50	10.91	14.00	2 50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7964
4.57	3.00	11.32	14.00	2 50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7621
3.53	3.50	11.95	14.00	2 35	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7957
4.35	3.50	10.83	14.00	46.00	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7314

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed
8072	Larro Feed, -----	New Castle Feed & Coal Co., New Castle.	% 8.62	% 22.12	% 26.00
7238	Larro Feed, -----	Rochester Seed & Supply Co., Rochester.	9.42	21.13	20.00
8037	Larro Feed, -----	Rochester Seed & Supply Co., Rochester.	8.80	21.25	20.00
7492	Larro Feed, -----	Swope Brothers, Johnstown.	8.56	20.63	20.00
8173	Larro Feed, -----	Titusville City Mills, Titusville.	7.85	23.31	20.00
7979	Larro Feed, -----	R. J. Toepfer, Tartentum	8.15	21.63	20.00
7779	Larro Feed, -----	Valley Mills, Johnstown,	9.67	23.88	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.00	3.25	10.89	14.00	2.45	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	8072
4.56	3.09	12.57	14.00	2.75	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7238
3.91	3.50	10.53	14.00	2.35	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	8037
4.26	3.50	11.90	14.00	2.45	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	7492
3.62	3.50	11.51	14.00	2.40	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings may contain ground screenings not exceeding mill run).	As certified, -----	8173
3.85	3.50	11.30	14.00	2.25	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{1}{2}$ of 1% salt. (Bran and middlings to contain ground screenings not exceeding mill run).	As certified, -----	7979
3.87	3.50	11.85	14.00	2.50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings to contain ground screenings not exceeding mill run).	As certified, -----	7779

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6928	Larro Feed, -----	J. M. Wyckoff, East Stroudsburg.	% 8.55	% 21.88	% 20.00
		Average, -----	8.76	21.64	-----
7616	Larrowe's Big-Six Complete Dairy Feed.	Farmers' Feed Store, Wellsboro.	9.44	22.25	21.00
8143	Larrowe's Big-Six Complete Dairy Feed.	Venango Milling Co., Saegertown.	8.55	22.81	21.00
7992	Larrowe's Big-Six Complete Dairy Feed.	Washington Milling Co., Washington.	8.59	24.06	21.00
		Average, -----	8.86	23.04	-----
8331	MCDONALD MILLING CO., MCDONALD, PA. *McDonald Feed, -----	McDonald Milling Co., McDonald.	9.62	23.81	20.00
7393	C. H. MC MAHON, MILTON, PA. Milk & Muscle Producer, -----	C. H. McMahon, Milton	6.66	25.00	25.00
7034	MAUSER MILL CO., ALLEN-TOWN, PA. Mauser's Dairy Ration, -----	Mauser Mill Co., Hazleton.	7.80	21.13	21.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.55	3.00	11.67	14.00	3 20	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt. (Bran and middlings to contain ground screenings not exceeding mill run).	As certified, -----	6925
4.13		11.35		49 65			
5.81	4.00	8.28	12.00	2 30	Linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. Bran and middlings may contain ground screenings not exceeding mill run.	As certified, -----	7616
5.10	4.00	7.25	12.00	2 30	Linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. Bran and middlings may contain ground screenings not exceeding mill run.	As certified, -----	8143
4.85	4.00	7.51	12.00	2 30	Linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, wheat bran, wheat middlings and $\frac{3}{4}$ of 1% salt. Bran and middlings may contain ground screenings not exceeding mill run.	As certified, -----	7992
5.25		7.68		2 30			
5.34	6.50	5.71	6.50	2 25	Gluten meal, bran, middlings, cottonseed meal oil meal, corn products.	"Corn products" identified as hominy feed.	8331
7.08	6.00	9.10	12.00	2 65	Brewers' dried grains, hominy meal, cottonseed meal, coconut meal, flour middlings and palm oil, $\frac{3}{4}$ of 1% salt.	As certified, -----	7313
3.75	5.50	10.90	10.00	2 50	Corn gluten feed, old process oil meal, cottonseed meal, wheat middlings and wheat bran (with ground screenings not exceeding mill run), oat feed, (oat middlings and oat hulls), 1% salt, ground barley, hominy feed.	As certified, -----	7634

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6983	Queen City Dairy Ration, -----	Mauser Mill Co., Alentown.	% 9.25	% 20.88	% 21.00
8096	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Mihimico Dairy Feed, -----	Miner-Hillard Milling Co., Plymouth.	7.50	18.81	17.00
7276	Mihimico Dairy Feed, -----	Miner-Hillard Milling Co., Wilkes-Barre.	7.70	17.81	17.00
		Average, -----	7.60	18.31	-----
7562	NEWSOME FEED & GRAIN CO., PITTSBURGH, PA. Palmo Middlings, -----	Fales Grocery Co., Reynolds- ville.	7.91	14.44	16.00
7985	Palmo Middlings, -----	A. H. Klugh, New Ken- sington.	5.40	16.94	16.00
8171	Palmo Middlings, -----	Tionesta Milling Co., Tionesta.	7.37	15.69	16.00
		Average, -----	6.96	15.69	-----
7540	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino Creamery Feed, -----	DuBois Milling Co., Du- Bois.	10.22	19.37	20.50
8235	Domino Creamery Feed, -----	W. W. Hayes, Jersey Shore.	7.77	21.63	20.00
		Average, -----	8.99	20.60	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.45	5.50	11.06	10.00	2 75	Corn gluten feed, old process oil meal, cottonseed meal, wheat middlings and wheat bran (with ground screenings not exceeding mill run), oat feed, (oat middlings and oat hulls), 1% salt, ground barley, hominy feed.	As certified, -----	6983
5.25	5.00	8.37	9.00	2 00	Hominy feed, corn oil meal, buckwheat middlings, wheat middlings, wheat bran, cottonseed meal, brewers' grain, O. P. oil meal, salt.	As certified, -----	8096
5.92	5.00	9.36	9.00	2 00	Hominy feed, corn oil meal, buckwheat middlings, wheat middlings, wheat bran, cottonseed meal, brewers' grain, O. P. oil meal, salt.	As certified, -----	7276
5.59	-----	8.86	-----	2 00			
8.00	7.00	7.90	9.00	1 75	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified, -----	7502
7.98	7.00	5.73	9.90	1 25	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified, -----	7985
7.29	7.00	7.59	9.00	1 40	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified, -----	8171
7.76	-----	7.01	-----	1 47			
5.00	4.25	11.44	15.00	2 00	Cottonseed meal, linseed oil meal, brewers' dried grains, gluten feed, coconut oil meal, wheat bran, ground and bolted grain screenings, $\frac{1}{2}$ of 1% salt.	Found also ground Kaffir corn and small amount whole weed seeds.	7540
5.37	7.00	11.72	15.00	2 25	Cottonseed meal, linseed oil meal, brewers' dried grains, corn gluten feed, coconut oil meal, wheat bran, salt $\frac{3}{4}$ of 1%, ground and bolted grain screenings.	As certified, -----	8325
5.19	-----	11.58	-----	2 13			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed
7010	Domino 24½ Dry Dairy Ration, -----	George D. Kresge, Lehigh-ton.	% 7.80	% 26.25	% 24.50
8208	Fidelity Dairy Feed, -----	C. L. Duglass, Bradford,	8.02	23.50	20.00
8236	Fidelity Dairy Feed, -----	W. W. Hayes, Jersey Shore.	8.45	23.81	20.00
		Average, -----	8.23	23.66	-----
7541	THE PARK & POLLARD CO., BOSTON, MASS. & CHICAGO, ILL Steven's 44 Dairy Ration, -----	DuBois Milling Co., DuBois.	7.98	24.00	24.00
7362	Stevens 44 Dairy Ration, -----	Elmer Eby, Lititz, -----	6.95	24.44	24.00
7009	Stevens 44 Dairy Ration, -----	Kane Milling & Grocery Co., Kane.	8.75	24.31	24.00
8254	Stevens 44 Dairy Ration, -----	Shamokin Milling Co., Shamokin.	7.57	25.50	24.00
		Average, -----	7.81	24.56	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.25	4.50	10.92	15.00	5.25	Cottonseed meal, corn gluten feed, old process linseed oil meal, coconut oil meal, fine alfalfa meal, wheat bran, corn feed meal.	As certified, -----	7010
4.26	4.00	8.47	12.00	2.50	Cottonseed meal, corn gluten, linseed oil meal, wheat bran, coconut oil meal, wheat middlings, corn feed meal, $\frac{3}{4}$ of 1% salt, beet pulp.	Cocoanut oil meal not detected.	8208
4.45	4.00	9.09	12.00	2.50	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, coconut oil meal, wheat middling, corn feed meal, beet pulp and $\frac{3}{4}$ of 1% salt.	As certified, -----	8236
4.36	-----	8.78	-----	2.50			
6.50	5.00	10.35	14.00	2.50	Oil meal, cottonseed meal, wheat bran with mill run of screenings, corn gluten feed, coconut oil meal, pea meal, corn distillers' grains, brewers' dried grains, ground barley, wheat middlings, hominy meal, buckwheat grits, corn meal, salt.	Found also malt sprouts.	7541
6.55	5.00	13.77	14.00	40.00	Cottonseed meal, wheat bran with mill run of screenings, corn gluten feed, coconut oil meal, pea meal, brewers' dried grains, corn distillers' dried grains, calcium carbonate, sesame oil meal, corn meal, salt, old process linseed oil meal.	Found also malt sprouts.	7302
6.58	5.00	10.51	14.00	2.35	Oil meal, cottonseed meal, wheat bran, mill run of screenings, corn gluten feed, coconut oil meal, pea meal, corn distillers' grains, brewers' dried grains, ground barley, wheat middlings, hominy meal, buckwheat grit, corn feed meal, salt.	Buckwheat grits not detected. Oil meal identified as linseed oil meal. Found also malt sprouts.	7090
6.24	5.00	12.06	14.00	2.75	Cottonseed meal, wheat bran with mill run of screenings, corn gluten feed, coconut oil meal, pea meal, brewers' dried grains, corn distillers' dried grains, calcium carbonate, sesame oil meal, corn meal, salt, old process linseed oil meal.	Found also malt sprouts.	8254
6.54	-----	11.67	-----	55.25			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8220	PHELPS & SIBLEY CO., CUBA. N. Y. Pasco Dairy Ration, -----	Miller Breunig, Couders- port.	% 8.67	% 24.06	% 20.00
7016	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury's Dairy Ration, -----	Evans Milling Company, Bloomsburg.	8.00	19.06	19.00
8051	Pillsbury's Dairy Ration, -----	Good's City Mills, Williamsport.	7.66	19.63	19.00
		Average, -----	7.83	19.35	-----
7254	THE QUAKER OATS CO., CHICAGO, ILL. Big Q Dairy Ration, -----	The Bechtel Co., Monaca,	7.80	21.75	21.00
7603	Big Q Dairy Ration, -----	D. O. Christman, Weis- port.	8.02	21.69	21.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.99	4.00	7.35	9.00	2 15	O. P. linseed meal, cottonseed meal, corn gluten feed, corn feed meal, hominy feed, wheat bran, wheat middlings, ground oats, and salt, (not over 20 lbs. per ton). (Wheat bran and wheat middlings may or may not contain ground screenings not to exceed mill run).	As certified, -----	8220
5.06	4.00	10.05	11.00	3 50	Ground oats, wheat bran, hominy feed, linseed meal, corn, gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate and sodium chloride.	Found also ground grain screenings.	7016
4.85	4.00	10.16	11.00	2 75	Ground oats, wheat bran, hominy feed, linseed meal, corn, gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate and sodium chloride.	Found also small amount ground grain screenings.	8051
4.96	-----	10.10	-----	3.13			
5.50	4.50	12.07	12.00	2 75	Cottonseed meal, corn distillers' grains, hominy feed, yellow hominy feed, corn gluten feed, old process linseed oil meal, wheat middlings, and wheat bran (with ground screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts) calcium phosphate and 1% salt.	As certified, -----	7251
5.65	4.50	9.72	11.00	3 25	Cottonseed meal, corn distillers' grains, hominy feed, yellow hominy feed, corn gluten feed, old process linseed oil meal, wheat middlings and wheat bran (with ground screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), calcium phosphate, 1% salt.	Found also Kaffir corn.	7001

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8045	Big Q Dairy Ration, -----	King Feed Company, Williamsport.	% 7.32	% 21.69	% 21.00
8075	Big Q Dairy Ration, -----	P. Wagner & Son, New Castle.	7.97	23.75	21.00
		Average, -----	7.77	22.22	-----
8257	Sterling Creamery Feed, -----	E. C. Nol, Lewisburg, --	8.85	25.25	25.00
7210	THE SHEETS ELEVATOR CO., CLEVELAND, OHIO. Reliable Dairy Feed Balanced Ration.	E. L. McClain & Co., Tyroee.	9.77	16.94	21.00
7225	SMITH MILLING CO., MILWAUKEE, WIS. Smith's Balanced Ration, -----	Ajax Supply Co., Lan- caster.	9.96	19.81	18.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.07	4.50	5.71	12.00	2 50	Cottonseed meal, corn distillers' grains, hominy feed, yellow hominy feed, corn gluten feed, old process linseed oil meal, wheat middlings and wheat bran (with ground screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), calcium phosphate, 1% salt.	Found also brewers' dried grains.	8045
5.64	4.50	11.17	12.00	2 40	Cottonseed meal, corn distillers' grains, hominy feed, yellow hominy feed, corn gluten feed, old process linseed oil meal, wheat middlings and wheat bran (with ground screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), calcium phosphate, 1% salt.	As certified, -----	8075
5.57	-----	10.66	-----	2 75			
6.17	6.00	8.28	12.00	2 25	Hominy feed, yellow hominy feed, corn gluten feed, old process linseed oil meal, cottonseed meal, distillers' grains, wheat bran and wheat middlings (with screenings (ground) not exceeding mill run), oat meal mill by-product, (oat shorts, oat middlings, oat hulls), and $\frac{2}{3}$ of 1% salt.	As certified, -----	8257
4.94	4.00	11.99	12.00	3 00	Beet pulp, wheat bran, wheat middlings, old process oil meal, brewers' grains, corn gluten feed, oat feed, corn meal, malt sprouts, cottonseed meal, trace of salt.	Oil meal identified as linseed oil meal. Oat feed included oat middlings and oat hulls.	7210
4.84	2.00	9.64	11.00	2 15	Hominy feed, cottonseed meal, gluten feed, wheat bran, wheat middlings, brewers' dried grains, malt sprouts, barley feed, linseed oil meal, salt.	Found also small amount ground grain screenings.	7323

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7322	Vitex Dairy Feed, -----	Ajax Supply Co., Lancaster.	% 9.42	% 25.81	% 24.00
7659	THOMPSON & GLENN, BUTLER, PA. *Perfection Dairy Feed, -----	Thompson & Glenn, Butler.	9.23	23.31	20.00
7661	Thompson's Best Dairy Feed, -----	Thompson & Glenn, Butler.	8.28	27.44	24.00
8215	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's Cloverdale Dairy Ration, --	Hall, Kaul & Hyde Co., St. Marys.	8.85	21.50	20.00
8132	Camp's Cloverdale Dairy Ration, --	U. P. Harris, Meadville,	8.47	20.19	20.00
7149	Camp's Cloverdale Dairy Ration, --	Union City Cooperative Association, Union City.	8.82	19.00	20.00
		Average, -----	8.71	20.23	-----
7990	THE UBIKO MILLING CO., CINCINNATI, OHIO. Sunbeam Dairy Ration, -----	William H. Dunlap, Canonsburg.	8.14	23.44	20.00
6901	Sunbeam Dairy Ration, -----	P. J. Oesterling & Son, Butler.	8.29	22.75	20.00
7663	Sunbeam Dairy Ration, -----	P. J. Oesterling & Son, Butler.	8.20	22.75	20.00
8140	Sunbeam Dairy Ration, -----	D. A. Thomas & Co., Saegertown.	8.00	21.56	20.00
		Average, -----	8.14	22.33	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.89	6.00	10.16	11.00	2 40	Distillers' dried grains, brewers' dried grains, corn gluten feed, hominy feed, linseed oil meal, cottonseed meal, wheat bran, corn oil meal, malt sprouts and salt.	Distillers' dried grains not detected. Found also small amount ground grain screenings.	7322
5.95	6.00	9.86	15.00	2 00	Cottonseed meal, corn gluten feed, ground clipped oat by-product, salt, ground cleaned grain screenings, wheat bran and linseed oil meal.	Found also small amount small whole weed seeds.	7659
6.01	5.00	8.19	8.50	2 40	Corn gluten feed, corn meal, old process linseed oil meal, cottonseed meal, copra meal, wheat bran, wheat shorts, red-dog flour, salt.	As certified, -----	7661
4.65	5.00	6.98	9.00	2 75	Corn meal, wheat bran, barley, oats, O. P. linseed oil meal, cottonseed meal, gluten meal, $\frac{1}{2}$ of 1% salt.	Found also small amount corn cob meal.	8215
4.48	5.00	7.75	9.00	2 25	Corn meal, wheat bran, barley, oats, O. P. linseed oil meal, cottonseed meal, gluten meal, $\frac{1}{2}$ of 1% salt.	Found also small amount ground grain screenings.	8122
4.76	5.00	7.70	9.00	2 40	Corn meal, wheat bran, barley, oats, O. P. linseed oil meal, cottonseed meal, gluten feed and $\frac{1}{2}$ of 1% salt.	As certified, -----	7149
4.63	-----	7.47	-----	2 47			
5.43	3.00	9.15	12.00	2 40	Cottonseed meal, dried beet pulp, wheat bran, wheat middlings, hominy meal and salt.	Found also brewers' dried grains.	7990
5.25	3.00	9.97	12.00	3 25	Cottonseed meal, O. P. linseed meal, corn gluten feed, dried beet pulp, wheat bran, wheat middlings, hominy meal, salt.	As certified, -----	6901
5.01	3.00	10.35	12.00	2 40	Cottonseed meal, O. P. linseed meal, corn gluten feed, dried beet pulp, wheat bran, wheat middlings, hominy meal, salt.	As certified, -----	7663
3.51	3.00	10.92	12.00	2 25	Cottonseed meal, O. P. linseed meal, corn gluten feed, dried beet pulp, wheat bran, wheat middlings, hominy meal, salt.	Found also brewers' dried grains.	8140
4.80	-----	10.09	-----	2 58			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7666	Union Grains, Ubiko, Biles Ready Dairy Ration.	Earley & Detweiler, Palmyra.	% 7.70	% 25.25	% 24.00
8129	Union Grains, Ubiko, Biles Ready Dairy Ration.	Farmers Feed Store, Port Allegany.	8.02	25.06	24.00
7459	Union Grains, Ubiko, Biles Ready Dairy Ration.	S. A. Fishburn, Paxtonia	7.44	24.50	24.00
7874	Union Grains, Ubiko, Biles Ready Dairy Ration.	H. H. Lysinger & Son, Bedford.	8.37	24.44	21.00
7664	Union Grains, Ubiko, Biles Ready Dairy Ration.	P. J. Oesterling & Son, Butler.	9.10	26.25	24.00
8206	Union Grains, Ubiko, Biles Ready Dairy Ration.	Smith Brothers, Inc., Bradford.	7.77	24.31	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber,		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 6.44	% 5.00	% 9.07	% 10.00	\$ 3 00	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, coconut oil meal, corn gluten feed, brewers' dried grains, barley, malt sprouts, one-half per cent. fine table salt.	Cocoanut oil meal not detected.	7063
6.66	5.00	7.68	10.00	2 30	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, coconut oil meal, corn gluten feed, brewers' dried grains, barley, malt sprouts, one-half per cent. fine table salt.	As certified, -----	8129
6.06	5.00	9.85	10.00	2 10	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. fine table salt.	Found also malt sprouts.	7459
6.15	5.00	8.64	10.00	2 40	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn gluten feed, brewers' dried grains, $\frac{1}{2}$ % fine table salt.	As certified, -----	7874
5.69	5.00	10.25	10.00	2 40	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, $\frac{1}{2}$ per cent. fine table salt.	As certified, -----	7664
5.56	5.00	8.47	10.00	-----	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn gluten feed, brewers' dried grains, $\frac{1}{2}$ per cent. fine table salt.	As certified, -----	8206

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8141	Union Grains, Ubiko, Biles Ready Dairy Ration.	D. A. Thomas & Co., Saegertown.	% 7.45	% 26.13	% 24.00
8076	Union Grains, Ubiko, Biles Ready Dairy Ration.	P. Wagner & Son, New Castle.	7.95	22.88	24.00
7301	Union Grains, Ubiko, Biles Ready Dairy Ration.	West Willow Farmers' Association, Inc., West Willow.	8.67	24.50	21.00
		Average, -----	8.05	24.81	-----
7812	WALDO BROTHERS, WYSOX, PA. Walbro Dairy Ration, -----	Waldo Brothers, Wysox,	10.40	23.75	21.00
6885	WESTERN GRAIN PRODUCTS CO., HAMMOND, IND. *Calumet Dairy Feed, -----	J. H. Hershb rger & Son, Johnstown.	7.27	20.25	20.00
6322	J. M. WYCKOFF, EAST STROUDS- BURG, PA. Dairy Feed, -----	J. M. Wyckoff, East Stroudsburg.	9.75	18.06	16.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.15	5.00	8.60	10.00	2 30	Corn distillers' dried grains, choice cottonseed meal, white wheat middlings, winter wheat bran, hominy meal, coconut oil meal, corn gluten feed, brewers' dried grains, barley malt sprouts, $\frac{1}{2}$ of 1% fine table salt, old process linseed meal.	Cocoanut oil meal and barley malt sprouts not detected	8141
6.33	5.00	8.55	10.00	2 45	Corn distillers' dried grains, choice cottonseed meal, O. P. linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, $\frac{1}{2}$ of 1% fine table salt.	Corn germ meal not detected. Found also malt sprouts.	8076
6.17	5.00	9.24	10.00	42 00	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, coconut oil meal, corn gluten feed, brewers' dried grains, barley malt sprouts, one-half per cent. fine table salt.	Cocoanut oil meal not detected. Found also small amount ground screenings	7501
6.13	-----	8.92	-----	47 75			
4.50	4.00	7.94	9.00	2 15	Corn gluten feed, cottonseed meal, beet pulp, corn meal, wheat bran and wheat midds with screenings not exceeding mill run and $\frac{1}{2}$ of 1% salt.	As certified, -----	7812
5.55	4.00	14.30	13.50	3 00	Cottonseed meal, linseed meal, brewers' dried grains, gluten feed, wheat bran, ground corn, ground ground corn, ground recleaned wheat screenings by-product and salt.	As certified, -----	6885
4.96	3.00	7.37	12.00	2 85	Cottonseed meal, O. P. oil meal, gluten, wheat bran, corn meal, yeast grains, palmo midds, oats.	As certified, -----	6885

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8260	L. E. YAGEL, MILLMONT, PA. *Yagel's Dairy Feed, -----	Mifflinburg Farmers Exchange, Mifflinburg.	% 7.99	% 20.31	% 21.00
7436	PROPRIETARY DAIRY FEED WITH MOLASSES. AMERICAN MILLING COMPANY, PEORIA, ILL. Amco Dairy Feed, -----	Fay Milling Company, Hollidaysburg.	8.84	27.16	25.00
7350	Suerene Dairy Feed, -----	Elmer Eby, Lititz, -----	11.03	15.90	16.50
6914	Suerene Dairy Feed, -----	H. F. Gelbach, Evans City.	10.79	15.98	16.50
7984	Suerene Dairy Feed, -----	B. Linder, New Kensington.	15.16	18.15	16.50
8073	Suerene Dairy Feed, -----	New Castle Feed & Coal Co., New Castle.	11.53	17.66	15.50

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
4.64	4.20	7.62	12.80			Wheat bran, wheat middlings, corn feed meal, corn gluten feed, brewers' dried grains, linseed oil meal, cottonseed meal, buckwheat middlings, oat meal mill by-product, (oat middlings, oat hulls oat shorts) and salt	8260
4.89	5.00	8.53	8.00	2 50	Wheat bran, linseed meal, prime cottonseed meal, prime peanut meal, cocoanut meal, corn gluten feed, corn distillers' dried grains, alfalfa meal, molasses, salt and calcium carbonate.	Linseed oil meal not detected. Found also small amount peanut hulls.	7436
4.43	3.50	13.56	10.00	35 00	Wheat bran, linseed meal, prime cottonseed meal, corn gluten feed, cocoanut meal, corn feed meal, distillers' dried grains, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Corn gluten feed and linseed oil meal not detected.	7359
5.13	3.50	9.79	10.00	2 75	Wheat bran, linseed meal, prime cottonseed meal, cocoanut meal, corn gluten feed, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Corn gluten feed not detected. Found also distillers' dried grains from corn and Kaffir corn.	6914
3.85	3.50	10.72	10.00	1 75	Wheat bran, linseed oil meal, prime cottonseed meal, corn gluten feed, cocoanut meal, corn feed meal, distillers' dried grains, ground and bolted grain screenings, clipped oat by-products, molasses, salt and calcium carbonate.	Found also oat hulls	7984
5.33	3.50	11.54	10.00	1 70	Wheat bran, linseed oil meal, prime cottonseed meal, corn gluten feed, distillers' dried grains, ground and bolted grain screenings, clipped oat by-products, molasses, salt, calcium carbonate.	Found also corn siftings and small amount whole weed seeds.	8073

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7165	Sucrene Dairy Feed, -----	Nickle Plate Flour Mills, Erie.	% 12.41	% 16.63	% 16.50
8255	Sucrene Dairy Feed, -----	E. C. Noll, Lewisburg.	13.10	16.77	16.50
8122	Sucrene Dairy Feed, -----	Jos. P. Warne & Co., Monongahela.	12.53	17.07	15.50
		Average, -----	12.36	16.87	-----
8203	ARCADY FARMS MILLING CO., CHICAGO, ILL. *Arcady Dairy Feed, -----	L. A. Fischer & Co., Bradford.	12.17	17.01	16.00
7172	*Arcady Dairy Feed, -----	Nickle Plate Flour Mills, Erie.	7.62	16.44	16.00
		Average, -----	9.89	16.73	-----
7914	Milkers Ready Ration, -----	Indiana Roller Mills, Indiana.	10.82	24.49	22.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.05	3.50	11.28	10.00	1 90	Wheat bran, linseed meal, prime cottonseed meal, corn gluten feed, cocoanut meal, corn feed meal, distillers' dried grains, ground and bolted grain screenings, clipped oat by-products, molasses, salt and calcium carbonate.	Distillers' dried grains not detected.	7165
3.80	3.50	11.08	10.00	1 75	Wheat bran, linseed meal, prime cottonseed meal, corn gluten feed, cocoanut meal, corn feed meal, distillers' dried grains, ground and bolted grain screenings, clipped oat by-products, molasses, salt and calcium carbonate.	Cocoanut oil meal not detected. Found also palm nut oil meal and small amount small whole weed seeds.	8255
3.95	3.50	11.56	10.50	1 75	Wheat bran, linseed meal, prime cottonseed meal, corn gluten feed, cocoanut meal, corn feed meal, distillers' dried grains, ground and bolted grain screenings, clipped oat by-products, molasses, salt and calcium carbonate.	Found also brewers' dried grains, malt sprouts and small amount small whole weed seeds.	8122
4.51	-----	11.36	-----	38 14			
5.40	3.50	10.35	13.50	1 25	Cottonseed meal, wheat bran, molasses, O. P. linseed oil meal, corn gluten feed, ground and bolted clipped oat by-product, cleaned ground and bolted wheat screenings, $\frac{1}{2}$ of 1% salt.	Found also small amount small whole weed seeds.	8203
3.83	3.50	13.32	13.50	1 90	Cottonseed meal, molasses, ground and bolted clipped oat by-product, cleaned ground and bolted grain screenings, corn gluten, linseed oil meal, bran, salt.	Found also trace of small whole weed seeds.	7172
4.62	-----	11.83	-----	1.58			
5.26	4.00	11.20	10.00	2 25	Molasses, corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal, corn oil cake meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, $\frac{1}{2}$ of 1% salt.	As certified, -----	7914

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein,	
				Found.	Guaranteed.
7866	Milkers Ready Ration, -----	Johnston & Smith, Wilkinsburg.	% 12.57	% 21.89	% 22.00
7486	Milkers Ready Ration, -----	Johnstown Milling Co. Johnstown.	11.13	21.33	22.00
8006	Milkers Ready Ration, -----	McCollum Co., Washing- ton.	13.60	22.00	22.00
7761	Milkers Ready Ration, -----	Charles M. St. Clair, Latrobe.	10.12	23.25	22.00
		Average, -----	11.64	22.57	-----
8312	Producers Ready Ration, -----	National Flour & Feed, Co., Fayette City,	12.45	22.02	21.00
7166	Producers Ready Ration. -----	Nickel Plate Flour Mills Erie.	10.48	22.76	22.00
		Average, -----	11.46	22.39	-----

FINDING RESULTS COLLECTED IN 1921—Continued.

Found.	Fat.		Fiber.		Price per ton net cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's Denotation.
	Guaranteed.		Found.	Guaranteed.				
%	%		%	%	\$			
5.15	4.00		9.16	11.00	2 50	Molasses, corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal, corn oil cake meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, $\frac{1}{2}$ of 1% salt.	Corn oil cake meal not detected. Found also corn feed meal, brewers' dried grains and small amount small whole weed seeds.	7896
5.60	4.00		9.56	11.00	2 25	Cottonseed meal, wheat bran, molasses, old process linseed oil meal, corn oil cake, corn gluten feed, wheat middlings, ground and bolted clipped oat by-product, cleaned ground and bolted wheat screenings, $\frac{1}{2}$ of 1% salt.	Found also small amount small whole weed seeds.	7486
5.01	4.00		10.35	11.00	2 15	Molasses, corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal, corn oil cake meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-products, cottonseed meal, $\frac{1}{2}$ of 1% salt.	Corn oil cake meal not detected. Found also trace beet pulp and small amount small whole weed seeds.	8006
5.39	4.00		8.95	11.00	2 25	Molasses, corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal, corn oil cake meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-products, cottonseed meal, $\frac{1}{2}$ of 1% salt.	Found also small amount small whole weed seeds.	7761
5.28			9.84		2 28			
4.08	4.00		7.52	10.00	2 25	Dried beet pulp, molasses, wheat bran, wheat middlings, corn gluten feed, corn feed meal, cottonseed meal, O. P. linseed oil meal and $\frac{1}{2}$ of 1% salt.	Salt not detected, ----	8312
5.36	4.60		10.66	10.50	2 40	Cottonseed meal, wheat bran and wheat middlings (with ground screenings not exceeding mill run), corn gluten feed, old process linseed oil meal, corn oil cake meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	7166
4.72			9.09		2 33			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7487	Riverdale Dairy Ration, -----	Johnstown Milling Co., Johnstown.	% 4.28	% 24.69	% 24.00
8004	Riverdale Dairy Ration, -----	McCollum Co., Washing- ton.	10.56	23.20	24.00
		Average, -----	7.41	23.95	-----
7371	BLANK & GOTTSHALL COMPANY INC., SUNBURY, PA. B. & G. Dairy Feed, -----	Blank & Gottshall Com- pany, Inc., Sunbury.	8.31	21.94	20.00
7385	CLOVER LEAF MILLING COM- PANY, BUFFALO, N. Y. Clover Leaf Mills Dairy Feed, -----	W. E. Custer, Milton, --	11.45	15.61	16.00
6934	Clover Leaf Mills Dairy Feed, -----	J. M. Wyckoff, East Stroudsburg.	10.49	18.51	16.00
		Average, -----	10.97	17.06	-----
7386	Peerless Milk Ration, -----	W. E. Custer, Milton, --	8.66	20.00	20.00

FEEDING STU 3 COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.33	% 5.00	% 8.57	% 10.00	\$ 2 55	Cottonseed meal, wheat bran, old process linseed oil meal, corn oil cake meal, corn gluten feed, wheat middlings, dried brewers' grains, $\frac{1}{2}$ of 1% salt and molasses.	Found also corn feed meal and small amount ground grain screenings.	7487
4.62	5.00	9.41	10.00	2 20	Cottonseed meal, wheat bran, old process linseed oil meal, corn oil cake meal, corn gluten feed, wheat middlings, dried brewers' grains, $\frac{1}{2}$ of 1% salt and molasses.	Corn oil cake meal not detected. Found also small amount ground grain screenings.	8004
4.98	-----	8.99	-----	2 38			
4.78	5.00	9.90	10.00	2 25	Beet pulp, corn bran, wheat middlings, dried brewers' grains, buckwheat middlings, gluten feed, alfalfa, molasses, linseed meal, cottonseed meal, and $\frac{1}{2}$ of 1% salt.	Found also ground grain screenings.	7371
4.18	4.00	12.47	10.00	2 00	Cottonseed meal, pure old process linseed meal, cocoanut oil meal, cleaned ground and bolted grain screenings, ground and bolted clipped oat by-product, molasses and one-half of one per cent fine table salt.	As certified, -----	7385
5.93	4.00	11.32	10.00	2 15	Cottonseed meal, pure old process linseed meal, cocoanut oil meal, cleaned ground and bolted grain screenings, ground and bolted clipped oat by-product, molasses and one-half of one per cent fine table salt.	Found also small amount small whole weed seeds.	6934
5.06	-----	11.89	-----	2 08			
4.37	4.50	12.08	10.00	2 25	Cottonseed meal, pure old process linseed meal, cocoanut oil meal, corn gluten feed, wheat bran, dried grains from barley malt and corn, ground and bolted clipped oat by-product, molasses and one-half of one per cent. fine table salt, cleaned ground and bolted grain screenings.	Found also small amount of flax pod fragments.	7386

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7201	Peerless Milk Ration, -----	Tyrone Milling Co., Tyrone.	% 8.97	% 23.06	% 20.00
7776	Peerless Milk Ration, -----	The H. W. Walker Co., Somerset.	10.43	20.07	20.00
		Average, -----	9.35	21.04	-----
7222	Pen-Mar Dairy Ration, -----	Juniata Feed & Flour Co. Tyrone.	10.17	14.64	20.00
8165	THE CORNO MILLS CO., EAST ST. LOUIS, ILL. Corno Sweet Dairy Feed, -----	New Model Milling Co., Oil City.	11.57	21.90	24.00
8052	Nutro Sweet Dairy Feed, -----	Good's City Mills, Williamsport.	11.65	16.34	16.00
7067	Pawnee Sweet Dairy Feed, -----	Earley & Detweiler, Pal- myra.	12.55	17.91	20.00
7950	Pawnee Sweet Dairy Feed, -----	A. W. Garvin, Pittsburgh	10.27	21.18	20.00
7320	Pawnee Sweet Dairy Feed, -----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	10.41	19.62	20.00
		Average, -----	11.01	19.57	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.13	5.00	11.95	12.00	2 75	Cottonseed meal, pure old process cocoanut meal, linseed meal, brewers' dried grains, ground and bolted clipped oat by-products, cleaned ground and bolted grain screenings, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	7201
4.61	4.50	10.71	12.00	2 50	Cottonseed meal, pure O. P. linseed meal, cocoanut oil meal, corn gluten feed, wheat bran, dried grains from barley malt and corn, cleaned ground and bolted grain screenings, ground and bolted clipped oat by-products, molasses, $\frac{1}{2}$ of 1% fine table salt.	Found also small amount small whole weed seeds.	777e
4.87	-----	11.58	-----	2 50			
3.48	4.00	13.67	10.00	2 95	Cottonseed meal, pure old process linseed oil meal, cocoanut oil meal, cleaned ground and bolted grain screenings, ground and bolted clipped oat by-product, molasses and one-half of one per cent. fine table salt.	Found also wheat bran and small amount small whole weed seeds.	7222
4.01	4.00	7.89	12.00	2 40	Gluten feed, cottonseed meal, wheat bran, choice alfalfa meal, linseed meal, molasses and 1% salt.	As certified, -----	8165
2.64	3.50	13.61	10.00	2 25	Wheat bran, cottonseed meal, oat middlings, oat shorts and oat hulls, alfalfa meal and molasses.	As certified, -----	8052
3.35	3.50	10.67	10.00	2 50	Gluten feed, cottonseed meal, wheat bran, oat middlings, oat shorts and oat hulls, choice alfalfa meal, linseed meal, molasses and 1% salt.	As certified, -----	7067
4.72	3.50	12.03	10.00	2 25	Gluten feed, cottonseed meal, wheat bran, oat middlings, oat shorts and oat hulls, choice alfalfa meal, linseed meal, molasses and 1% salt.	As certified, -----	7950
3.61	3.50	11.50	10.00	45 00	Gluten feed, cottonseed meal, wheat bran, oat middlings, oat shorts and oat hulls, choice alfalfa meal, linseed meal, molasses and 1% salt.	As certified, -----	7320
3.89	-----	11.40	-----	45 33			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7333	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's 15 Dairy Feed, -----	John W. Eshelman & Sons, Lancaster.	% 9.33	% 20.19	% 15.00
7351	Eshelman's 16½ Dairy Feed, -----	John W. Eshelman & Sons, Lancaster.	11.64	19.47	16.50
7331	Eshelman's 20 Dairy Feed, -----	John W. Eshelman & Sons, Lancaster.	7.99	23.75	20.00
7075	Eshelman's 20 Dairy Feed, -----	Paxton Flour & Feed Co Harrisburg.	11.17	22.40	20.00
7473	Eshelman's 20 Dairy Feed, -----	Paxton Flour & Feed Co Progress.	10.99	19.79	20.00
7304	Eshelman's 20 Dairy Feed, -----	West Willows Farmers' Association Inc., West Willow.	8.32	22.44	26.00
		Average, -----	9.61	22.10	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Pound.	Guaranteed.	Pound.	Guaranteed.				
%	%	%	%	\$			
6.00	4.00	7.74	10.00	25 00	Cottonseed meal, old process linseed and rapeseed meal, cane molasses, oat meal mill by-product re-ground grain screenings and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal, dried beet pulp, corn gluten feed and small amount small whole weed seeds.	7333
5.05	3.50	8.67	10.00	28 50	Cottonseed meal, old process linseed and rapeseed meal, cane molasses, wheat bran, coconut oil meal, wheat middlings, corn gluten feed, oat meal mill by-product, re-ground grain screenings, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal and linseed oil meal not detected. Found also mustard oil cake meal.	7351
6.09	4.00	8.51	12.00	33 00	Cottonseed meal, wheat bran, old process linseed and rapeseed meal, cane molasses, wheat middlings, coconut oil meal, corn gluten meal, corn gluten feed, re-ground grain screenings, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also dried beet pulp and mustard oil cake meal.	7331
6.16	4.00	9.95	12.00	2 65	Cottonseed meal, wheat bran, old process linseed and rapeseed meal, cane molasses, wheat middlings, coconut oil meal, gluten meal, corn gluten feed, re-ground grain screenings, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal and small amount small whole weed seeds.	7075
5.00	4.00	9.69	12.00	2 00	Cottonseed meal, wheat bran, old process linseed and rapeseed meal, cane molasses, wheat middlings, coconut oil meal, corn gluten meal, re-ground grain screenings, alfalfa meal and $\frac{1}{2}$ of 1% salt, corn gluten feed.	Rapeseed meal and corn gluten feed not detected. Found also mustard oil cake meal and small amount small whole weed seeds.	7473
5.50	4.00	8.96	12.00	39 00	Cottonseed meal, wheat bran, old process linseed and rapeseed meal, cane molasses, wheat middlings, coconut oil meal, corn gluten meal, corn gluten feed, re-ground grain screenings, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal.	7304
5.69		9.27		41 25			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7861	Eshelman's 24 Dairy Feed, -----	O. S. Ebersole & Co., Harrisburg.	10.47	23.19	24.00
7332	Eshelman's 24 Dairy Feed, -----	John W. Eshelman & Sons, Lancaster.	8.12	23.19	24.00
8338	Eshelman's 24 Dairy Feed, -----	J. Leedom Moore, Lan- cster.	9.25	26.63	24.00
7303	Eshelman's 24 Dairy Feed, -----	West Willow Farmers' Association, Inc., West Willow.	8.27	24.25	24.00
		Average, -----	9.01	24.32	-----
6946	FLORY MILLING CO., INC., BANGOR, PA. Globe Cow Feed, -----	Flory Milling Co., Inc., Bangor.	9.32	17.94	20.00
7398	GOLDEN GRAIN MILLING CO., EAST ST. LOUIS, ILL. *Golden Grain Mills Dairy Feed, ----	Ross E. Goodman, Hunt- ington.	12.92	14.54	15.00
7399	Guaran-teeed Dairy Ration, -----	Ross E. Goodman, Hunt- ington.	10.87	23.97	24.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.43	5.00	8.65	12.00	2 40	Choice cottonseed meal, wheat bran, wheat middlings, old process linseed meal, alfalfa meal, cane molasses, coconut oil meal, corn gluten feed, corn gluten meal and $\frac{1}{2}$ of 1% salt.	Linseed oil meal not detected. Found also trace of beet pulp.	7891
5.59	5.00	8.95	12.00	37 00	Choice cottonseed meal, wheat bran, wheat middlings, old process linseed and rap seed meal, alfalfa meal, cane molasses, coconut oil meal, corn gluten feed, corn gluten meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal.	7322
4.20	5.00	7.67	12.00	2 40	Choice cottonseed meal, wheat bran, wheat middlings, old process linseed meal, alfalfa meal, cane molasses, coconut oil meal, corn gluten feed, corn gluten meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	8338
6.12	5.60	9.44	12.00	42 00	Choice cottonseed meal, wheat bran, wheat middlings, old process linseed and rapeseed meal, alfalfa meal, cane molasses, coconut oil meal, corn gluten feed, corn gluten meal and $\frac{1}{2}$ of 1% salt.	Rapeseed meal not detected. Found also mustard oil cake meal and small amount peanut skins.	7303
5.09	-----	8.67	-----	43 75			
5.65	5.00	9.55	10.00	3 00	Corn meal, wheat bran, wheat middlings, sugar cane molasses, gluten meal, oil meal, cottonseed meal, dried brewers' grains, ground oats, ground barley, 1% salt, buckwheat hulls, buckwheat bran, buckwheat middlings.	As certified, -----	6946
1.94	2.50	15.74	18.00	2 75	Cottonseed meal, alfalfa meal, clipped oat by-product, molasses and $\frac{1}{2}$ of 1% salt.	Cottonseed meal not detected. Found also cottonseed hulls.	7598
5.58	5.00	10.37	12.00	3 10	Cottonseed meal, old process linseed oil meal, old process coconut meal, corn oil meal, alfalfa leaf meal, molasses, $\frac{1}{2}$ of 1% salt.	Found also corn gluten feed.	7399

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7941	Guaranteed Dairy Ration, -----	Scobie & Parker Co., Pittsburgh.	% 10.19	% 24.93	% 24.00
	THE H-O COMPANY, BUFFALO, N. Y.	Average, -----	10.53	24.45	-----
7803	*H-O Milk Feed with Molasses, -----	Farmers' Co-operative Co., Inc., Wysox.	8.50	19.63	16.00
7157	H-O Milk Feed with Molasses, -----	Union City Cooperative Association, Union City	12.70	14.84	14.00
		Average, -----	10.60	17.24	-----
8168	H-O Read The Tag Dairy Feed, ----	Clyde D. Duffee, Oil City	10.31	22.61	20.00
7804	H-O Read The Tag Dairy Feed, ----	Farmers' Co-operative Co. Inc., Wysox.	9.28	22.30	20.00
7156	H-O Read The Tag Dairy Feed, ----	Union City Cooperative Association, Union City.	12.56	19.48	20.00
		Average, -----	10.71	21.46	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.52	4.50	12.24	12.00	3 00	Cottonseed meal, alfalfa leaf meal, linseed oil meal, old process corn oil cake meal, copra meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	7941
5.55	-----	11.30	-----	3 00			
4.62	4.09	11.51	15.00	2 20	Cottonseed meal, linseed oil meal, corn gluten feed, corn meal, corn feed meal or hominy feed, wheat midds. (with mill run screenings), molasses, salt 1 per cent., oat hulls and oat shorts, gluten feed $2\frac{1}{2}$ per cent., total roughages not over 600 pounds per ton.	Both corn feed meal and hominy feed present.	7803
4.57	4.00	7.64	10.00	2 00	Cottonseed meal, linseed oil meal, corn gluten feed, ground corn, wheat midds. (with mill run screenings), ground barley molasses, salt $\frac{1}{2}$ of 1%, oat hulls, oat shorts not over 400 lbs. per ton.	Found also ground buckwheat.	7157
4.60	-----	9.57	-----	2 10			
4.64	5.00	8.81	9.50	2 50	Cottonseed meal, corn gluten feed, linseed oil meal, corn meal, hominy feed, ground barley, wheat midds. with mill run screenings, molasses, salt $\frac{3}{4}$ of 1% oat hulls, oat shorts not over 225 lbs. per ton.	As certified, -----	8168
5.21	5.00	9.30	9.50	2 40	Cottonseed meal, corn gluten feed, linseed oil meal, corn meal, hominy feed, ground barley, wheat midds with mill run screenings, molasses, salt $\frac{3}{4}$ of 1% oat hulls, oat shorts not over 225 lbs. per ton.	As certified, -----	7804
4.97	5.00	8.16	9.50	2 40	Cottonseed meal, corn gluten feed, linseed oil meal, corn meal, hominy feed, ground barley, wheat midds with mill run screenings, molasses, salt $\frac{3}{4}$ of 1% oat hulls, oat shorts not over 225 lbs. per ton.	As certified, -----	7156
4.94	-----	8.75	-----	2 43			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.		%	%	%
8181	*International Climax Dairy Feed,--	Hydetown Milling Co., Hydetown.	11.87	12.50	12.50
7204	International Diamond Dairy Feed,--	George Tyrone. Bridenbaugh	12.07	23.00	24.00
7203	International Diamond Dairy Feed,--	George Tyrone. Bridenbaugh.	12.32	23.21	24.00
8182	International Diamond Dairy Feed,--	Hydetown Milling Co., Hydetown.	12.41	23.55	24.00
6302	International Diamond Dairy Feed,--	P. J. Oesterling & Son, Butler.	11.95	24.55	24.00
		Average, -----	12.18	23.58	-----
6904	*International Ready Ration Dairy Feed.	P. J. Oesterling & Son, Butler.	12.64	18.43	20.00
7178	International Special Dairy Feed, --	Erie Milling & Supply Co., Erie.	13.76	13.48	16.00
6903	International Special Dairy Feed, --	P. J. Oesterling & Son, Butler.	12.43	14.73	15.00
7670	International Special Dairy Feed, --	Preston Brothers, Canton	13.05	14.79	15.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.45	4.00	12.71	13.50	1 65	Cottonseed meal, molasses, ground clipped oat by-products, ground cleaned grain screenings, salt.	Largely ground grain screenings with small amount small whole weed seeds.	8181
5.48	5.00	10.31	10.00	50 00	Corn gluten feed, wheat bran, old process oil meal, cottonseed meal, molasses, ground and bolted screenings from wheat, salt.	Oil meal identified as linseed oil meal. Found also coconut oil meal and small amount small whole weed seeds.	7204
5.43	5.00	9.46	10.00	50 00	Corn gluten feed, wheat bran, old process oil meal, cottonseed meal, molasses, ground and bolted screenings from wheat, salt.	Oil meal identified as linseed oil meal. Found also coconut oil meal and a small amount small whole weed seeds.	7203
5.40	5.00	8.47	10.00	2 40	Corn gluten feed, wheat bran, old process oil meal, cottonseed meal, molasses, ground and bolted screenings from wheat, salt.	Corn gluten feed not detected. Found also small amount small whole weed seeds.	8182
5.69	5.00	10.12	10.00	3 50	Corn gluten feed, wheat bran, old process oil meal, cottonseed meal, molasses, ground and bolted screenings from wheat, salt.	Found also screenings containing flax plant refuse, small amount small whole weed seeds and other refuse material.	6902
5.50	-----	9.50	-----	54 50			
5 17	5.00	9.92	11.50	3 00	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings and salt.	Gluten feed not detected. Found also small amount of refuse material including small whole weed seeds, chaff and flax pods.	6904
4.73	4.50	11.45	12.00	2 00	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Gluten feed not detected. Found also small amount small whole weed seeds.	7178
4.61	4.50	12.55	12.00	2 65	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Found also screenings containing flax plant refuse, small amount small whole weed seeds and other refuse material.	6903
4.37	4.50	10.74	12.00	1 65	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Found also small amount small whole weed seeds.	7670

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6935	International Special Dairy Feed, --	Traders Flour & Feed Co. Stroudsburg.	% 11.63	% 15.09	% 15.00
		Average, -----	12.71	14.52	-----
7372	CHARLES A. KRAUSE MILLING COMPANY, MILWAUKEE, WIS. *Badger Dairy Feed, -----	Blank & Gottshall Company, Inc., Sunbury.	10.91	14.69	16.50
8268	*Badger Dairy Feed, -----	Chester A Grove, West Milton.	12.63	16.65	16.50
7668	*Badger Dairy Feed, -----	Preston Brothers, Canton	15.11	16.64	16.50
7150	*Badger Dairy Feed, -----	Union City Cooperative Association, Union City	12.55	17.78	16.50
		Average, -----	12.80	16.44	-----
7019	Badger Sweet Cud Dairy Feed, -----	George W. Engle, Hazleton.	10.37	22.68	24.00
7835	LADISH MILLING CO., MILWAUKEE, WIS. True Value Sweet Dairy Feed, -----	Standard Seed & Feed Co., Juniata.	10.84	26.54	24.00
3349	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA. Conestoga Dairy Feed, -----	C. C. Hipple & Son West, Chester.	9.30	18.19	16.50

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 6.80	% 4.50	% 11.53	% 12.00	\$ 2 80	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Found also small amount small whole weed seeds.	6955
5.15	-----	11.56	-----	2 28			
4.58	3.50	20.13	16.00	2 00	Cottonseed meal, alfalfa meal, ground and bolted screenings from wheat, flax plant by-product, molasses and salt.	Found also small amount small whole weed seeds.	7372
3.60	3.50	12.27	18.00	2 00	Cottonseed meal, alfalfa meal, ground and bolted screenings from wheat, oats and flax, molasses and salt.	Found also small amount flax plant refuse and small amount small whole weed seeds.	8268
3.59	3.50	14.13	15.00	1 65	Cottonseed meal, alfalfa meal, ground and bolted screenings from wheat, oats and flax, molasses and salt.	Found also small amount small whole weed seeds.	7668
4.41	3.50	18.99	18.00	1 70	Cottonseed meal, alfalfa meal, ground and bolted screenings from wheat, flax plant by-product, molasses and salt.	Found also small amount small whole weed seeds.	7150
4.05	-----	16.38	-----	1 84			
4.18	3.75	13.27	15.00	3 25	Cottonseed meal, hominy feed, O. P. linseed oil meal, copra meal, alfalfa, gluten feed, molasses and salt.	As certified, -----	7019
5.51	4.50	8.92	12.00	2 50	Cottonseed meal, linseed oil meal, copra meal (cocoanut oil meal), corn gluten feed, wheat bran, ground oats, alfalfa meal screenings, molasses, 1% salt.	As certified, -----	7835
4.45	3.50	7.47	10.00	33 00	Cottonseed meal, old process linseed and rapeseed meal, cane molasses, wheat bran, cocoanut oil meal, wheat middlings, corn gluten feed, oat meal mill by-product, re-ground grain screenings, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Linseed and rape seed meal not detected.	8349

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7759	THE MCMILLEN CO., FORT WAYNE, IND. Macko Dairy Feed, -----	J. R. Morrow Feed Store, Uniontown.	% 9.09	% 18.60	% 16.00
8078	Wayne Dairy Feed, -----	Mahoning Supply Co., New Castle.	9.42	23.06	21.00
6886	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino Butterine Dairy Feed, -----	Johnstown Milling Co., Johnstown.	5.65	18.45	17.00
7009	Domino Butterine Dairy Feed, -----	George D. Kresge, Lehigh-ton.	11.44	17.13	17.00
7843	Domino Butterine Dairy Feed, -----	Huth Brothers, Elizabeth town.	10.36	15.68	17.00
		Average, -----	9.15	17.09	-----
7437	Union Dairy Feed, -----	Fay Milling Company, Hollidaysburg.	12.12	12.57	14.00
7408	THE QUAKER OATS COMPANY, CHICAGO, ILL. *Quaker Dairy Feed with Molasses,	Cash Feed & Supply Co. Huntingdon.	10.03	16.45	16.00
8145	RALSTON PURINA CO., INC., ST. LOUIS, MO. & BUFFALO, N. Y. Protena Dairy Feed, -----	Linesville Milling Co., Linesville.	12.29	18.55	16.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.35	3.80	13.50	14.50	2 60	Malt sprouts, cocoanut meal, wheat bran, dried brewers' grains, alfalfa meal, roasted and extracted wheat bran, cocoa bean shell meal, cottonseed meal, ground screenings from wheat, corn, oats, barley and flax seed, salt and molasses.	Found also small amount small whole weed seeds.	7759
3.94	3.40	9.92	12.00	2 35	Malt sprouts, dried brewers grains, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, not over $\frac{1}{2}$ of 1% salt, molasses.	As certified, -----	8078
5.30	3.50	12.58	15.00	3 25	Cottonseed meal, corn gluten feed, brewers' dried grains, ground and bolted grain screenings, molasses and salt $\frac{1}{2}$ of 1%.	Found also small amount whole weed seeds.	6883
5.75	3.50	10.80	15.00	2 50	Cottonseed meal, corn gluten feed, brewers' dried grains, ground and bolted grain screenings, molasses and salt $\frac{1}{2}$ of 1%.	Found also ground Kaffir corn and small amount small whole weed seeds.	7609
4.44	3.50	14.89	15.00	1 60	Cottonseed meal, corn gluten feed, brewers' dried grains, ground and bolted grain screenings, molasses and salt $\frac{1}{2}$ of 1%.	Found also oat hulls, flax pods and a small amount small whole weed seeds.	7843
4.51	3.50	12.11	15.00	1 50	Cottonseed meal, linseed oil meal, ground screenings and molasses.	Found also small amount whole weed seeds.	7457
4.30	4.50	13.29	16.00	2 00	Molasses, corn distillers' grains, cottonseed meal, ground grain screenings, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{2}{3}$ of 1% salt, calcium phosphate.	Corn distillers' dried grains not detected. Found also small amount small whole weed seeds.	7408
3.98	3.00	7.36	10.00	1 65	Cottonseed meal, clipped oat by-products, ground wheat screenings, gluten feed made from corn, molasses and 1% salt.	Found also ground Kaffir corn and a small amount small whole weed seeds.	8145

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8193	Protena Dairy Feed, -----	Ridgway Grist Mill, Ridgway.	% 12.54	% 17.88	% 16.00
		Average, -----	12.41	18.22	-----
8033	Purina Cow Chow Feed, -----	J. E. Beegle, New Brighton.	12.28	24.06	24.00
7384	Purina Cow Chow Feed, -----	W. E. Custer, Milton, --	9.53	24.53	24.00
7542	Purina Cow Chow Feed, -----	DuBois Milling Co., DuBois.	10.80	24.97	24.00
7863	Purina Cow Chow Feed, -----	O. S. Ebersole & Co., Penbrook.	10.70	24.56	24.00
7040	Purina Cow Chow Feed, -----	Mauser Mill Co., Hazleton.	12.08	26.52	24.00
8162	Purina Cow Chow Feed, -----	Oil City Milling Co., Oil City.	11.29	24.74	24.00
8192	Purina Cow Chow Feed, -----	Ridgway Grist Mill, Ridgway.	10.02	26.18	24.00
8042	Purina Cow Chow Feed, -----	Shane Brothers, Rochester	12.55	23.45	24.00
8056	Purina Cow Chow Feed, -----	S. G. Updegraff & Son, Williamsport.	11.31	23.90	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.52	3.00	8.03	10.00	2 00	Cottonseed meal, clipped out by-products, ground wheat screenings, gluten feed made from corn, molasses and 1% salt.	Found also ground Kaffir corn and a small amount small whole weed seeds.	8193
3.75	-----	7.69	-----	1 83			
5.24	4.30	8.42	12.00	2 50	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, -----	8033
5.06	4.30	10.32	12.00	2 75	Linseed oil meal (old process), gluten feed from corn, hominy feed, cottonseed meal, ground alfalfa, molasses and 1% salt.	Found also corn siftings.	7384
5.16	4.00	8.86	12.00	2 00	Linseed oil meal (old process), gluten feed, corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and salt.	As certified, -----	7542
4.97	4.30	9.14	12.00	2 75	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and 1% salt.	As certified, -----	7833
4.94	4.30	8.50	12.00	3 75	Linseed oil meal (old process), gluten feed from corn, hominy feed, cottonseed meal, ground alfalfa, molasses and 1% salt.	Found also trace of small whole weed seeds.	7040
5.16	4.30	9.64	12.00	2 50	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and 1% salt.	As certified, -----	8102
5.74	4.30	9.53	12.00	2 95	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and 1% salt.	As certified, -----	8192
5.12	4.30	9.52	12.00	2 50	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and 1% salt.	As certified, -----	8142
6.44	4.30	8.97	12.00	48 90	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and 1% salt.	Found also ground Kaffir corn.	8056

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7994	Purina Cow Chow Feed, -----	Washington Grain & Feed Co., Washington.	% 11.18	% 24.80	% 24.00
		Average, -----	11.17	24.72	-----
	ROSENBAUM BROTHERS, CHICAGO, ILL.				
7996	*Advance Dairy Feed, -----	Waynesburg Milling Co., Waynesburg.	12.72	17.76	16.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
8156	Red Brand Ti-O-Ga Dairy Feed, ---	Rice & Jones, Lebanon, --	7.90	27.88	23.00
7503	Red Brand Ti-O-Ga Dairy Feed, ---	C. B. Tyler, Tunkhan- nock.	8.94	26.21	23.00
		Average, -----	8.42	27.05	-----
8155	White Brand Ti-O-Ga Dairy Feed, --	Rice & Jones, Lebanon, --	7.82	24.06	17.00
7504	White Brand Ti-O-Ga Dairy Feed, --	C. B. Tyler, Tunkhan- nock.	9.93	21.38	17.00
		Average, -----	8.87	22.72	-----
	GEO. W. WALTER & SONS, BUTLER, PA.				
7654	*Walter's Byrite Dairy Feed, -----	G. W. Walter & Sons, Butler.	11.02	21.11	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.81	4.30	9.85	12.00	2 50	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa and 1% salt.	As certified, -----	7544
5.26	-----	9.27	-----	53 20			
3.56	2.50	9.31	14.00	1 50	Cottonseed meal, linseed oil meal (O. P.), alfalfa meal, oat meal mill by-products, (Oat hulls and oat shorts), molasses, wheat bran, ground grain screenings, salt, calcium carbonate.	As certified, -----	7006
6.56	3.50	9.20	11.00	2 20	Distillers' dried grains, cottonseed meal, linseed oil meal, wheat middlings, coconut oil meal, cane molasses, wheat bran, salt.	As certified, -----	8153
5.90	3.50	8.58	11.00	2 15	Distillers' dried grains, cottonseed meal, linseed oil meal, wheat middlings, coconut oil meal, cane molasses, wheat bran, salt.	Found also brewers' dried grains.	7503
6.13	-----	8.89	-----	2 18			
5.55	4.00	6.72	12.00	2 10	Wheat middlings, cane molasses, cottonseed meal, corn feed meal, wheat bran, corn gluten feed, hominy feed, corn gluten meal, brewers' grains, salt, copra meal, barley.	Found also small amount ground grain screenings.	8155
5.86	4.00	6.42	12.00	2 15	Cottonseed meal, corn feed meal, corn meal or hominy, wheat middlings, corn gluten feed, linseed oil meal, wheat bran, cane molasses, salt.	Found also corn meal and small amount ground grain screenings.	7504
5.26	-----	6.57	-----	2 13			
5.12	5.00	9.66	11.00	2 50	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, salt, ground cleaned grain screenings.	Found also small amount small whole weed seeds.	7654

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7928	WESTERN FEED MANUFACTURERS, INC., CHICAGO, ILL. R. E. P. Dairy Feed, -----	George J. New's Sons Blairsville.	% 15.40	% 12.36	% 16.00
7127	WESTERN GRAIN PRODUCTS CO., HAMMOND, IND. *Hammond Dairy Feed, -----	Hammond Elevator Co., Corry.	13.15	16.27	16.50
6884	*Hammond Dairy Feed, -----	J. H. Hershberger & Son, Johnstown.	12.49	17.38	16.50
8148	Hammond Dairy Feed, -----	Linesville Coal Lhne & Cement Co., Linesville.	11.60	16.91	16.50
		Average, -----	12.41	16.85	-----
8176	PROPRIETARY STOCK, HORSE AND MULE FEED. THE AKRON FEED & MILLING CO., AKRON, OHIO. Portage Stock Feed, -----	Co-operative Grange Milling Co., Titusville.	8.94	9.44	9.00
4987	Portage Stock Feed, -----	Hamilton & Alter, Parnassus.	8.33	8.50	9.00
7582	Portage Stock Feed, -----	Heigh Street Mill, Kittinganning.	9.42	11.50	9.00
7489	Portage Stock Feed, -----	Johnstown Milling Co., Johnstown.	9.20	7.56	9.00
7457	Portage Stock Feed, -----	Lauderbach Zerby Co., Philipsburg.	5.12	8.75	9.00
3905	Portage Stock Feed, -----	P. J. Oesterling & Son, Butler.	9.57	8.00	8.50

FEEDING STUFFS COLLECTED IN 1921--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.08	3.00	7.29	10.00	1 80	Wheat bran, wheat middlings, ground barley, O. P. oil meal, corn gluten feed, cottonseed meal, ground wheat, harley, Kaffir screenings, alfalfa meal, molasses not over $\frac{1}{2}$ of 1% salt.	As certified, -----	7925
4.87	4.00	12.88	13.50	2 50	Cottonseed meal, brewers' dried grains, ground clipped oat by-product, ground grain screenings, molasses and salt.	Brewers' dried grains not detected. Found also small amount small whole weed seeds.	7127
4.55	4.00	10.91	13.50	2 75	Cottonseed meal, brewers' dried grains, ground clipped oat by-product, ground grain screenings, molasses and salt.	Brewers' dried grains not detected. Found also linseed oil meal and small amount small whole weed seeds.	6884
4.18	4.00	12.62	11.00	1 60	Cottonseed meal, brewers' dried grains, ground clipped oat by-product, ground grain screenings, molasses and salt.	As certified, -----	8148
4.53	-----	12.13	-----	2 28			
2.24	4.00	12.12	10.00	1 40	Either white or yellow shelled corn, barley, oat hulls, oat middlings, oat shorts, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	8176
2.88	4.00	10.46	9.00	1 90	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	7987
2.62	4.00	12.22	9.00	1 70	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	As certified, -----	7582
2.91	4.00	11.03	9.00	1 85	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Barley not detected. Both white and yellow corn present.	7489
3.35	4.00	9.89	9.00	35 00	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	7457
2.96	4.00	10.33	10.00	2 50	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Barley not detected. Both white and yellow corn present.	6905

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
5065	Portage Stock Feed. -----	Ohio Valley Grain & Feed Co., Coraopolis.	% 9.49	% 7.96	% 9.66
8138	Portage Stock Feed. -----	Turner Brothers, Cambridge Springs.	8.75	8.75	9.00
7778	Portage Stock Feed. -----	Valley Mills, Johnstown,	10.42	9.31	9.96
8322	Portage Stock Feed, -----	Western Flour Co., Monessen.	9.62	7.50	9.00
		Average, -----	8.88	8.64	-----
7769	ARCADY FARMS MILLING CO., CHICAGO, ILL. Silver King Stock Feed, -----	G. Bostert & Sons, Johnstown.	9.75	9.69	9.00
8007	J. J. BADENOCH CO., CHICAGO, ILL. Badenoch's Stock Feed, -----	J. K. Lawson, Washington.	9.51	9.94	8.00
6971	BUSHKILL MILLING CO., EASTON, PA. Mixed Feed, -----	The Easton Flour & Feed Co., Easton	11.87	11.50	10.00
7458	CLOVER LEAF MILLING COMPANY, BUFFALO, N. Y. *Clover Leaf Mills Stock Feed, -----	S. A. Fishburn, Paxtonia	8.54	11.56	10.00
7764	THE CORNO MILLS CO., ST. LOUIS, MO. Corno Stock Feed, -----	J. H. Hershberger & Son, Johnstown.	9.02	10.63	9.50
8074	Corno Stock Feed, -----	New Castle Feed & Coal Co., New Castle.	7.59	9.81	9.50
		Average, -----	8.30	10.22	-----
6906	Nutro Stock Feed, -----	Thompson & Glenn, Butler.	9.55	9.75	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921- Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
3.38	4.00	11.51	9.00	1 80	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Barley not detected. Both white and yellow corn present.	8065
2.50	4.00	10.12	9.00	1 65	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Barley not detected. Both white and yellow corn present.	8138
2.99	4.00	9.83	9.00	1 75	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	7778
2.70	4.00	11.40	9.00	1 60	Either white or yellow shelled corn, barley, oat hulls, oat middlings, oat shorts, and 1% salt.	Barley not detected. Both white and yellow corn present.	8322
2.55	-----	10.89	-----	35 80			
3.20	3.50	10.56	10.00	1 75	Oat meal mill by-products, oat middlings, oat hulls, oat shorts, corn feed meal or hominy feed, wheat middlings, one half of one per cent. salt.	Both corn feed meal and hominy feed present.	7769
2 66	3.00	11.07	12.00	2 00	Hominy feed, corn feed meal, oat middlings, oat shorts, oat hulls, ground barley and salt.	Barley not detected, --	8007
2.79	3.00	7.42	7.00	3 00	Corn, rye, rye feed, oats, middlings.	Middlings identified as wheat middlings.	6971
3 31	3.50	12.46	15.00	1 50	Hominy feed, corn feed meal, wheat middlings oat meal mill by-product (oat shorts, oat hulls, oat middlings), and one half of one per cent, fine table salt.	As certified, -----	7458
5.25	4.00	8.92	10.00	1 55	Fine white hominy feed, ground barley, oat middlings, oat shorts, oat hulls, wheat middlings and 1% salt.	Ground barley not detected. Found also small amount ground grain screenings.	7764
5.46	4.00	10.10	10.00	1 70	Fine white hominy feed, ground barley, oat middlings, oat shorts, oat hulls, wheat middlings and 1% salt.	Barley not detected, --	8074
5.36	-----	9.51	-----	1 78			
3.35	3.00	11.55	10.00	48 00	Corn meal, oat middlings, oat shorts and oat hulls, wheat bran and ground grain screenings.	As certified, -----	6906

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7660	Nutro Stock Feed, -----	Thompson & Glean, Butler.	% 8.62	% 10.63	% 10.00
		Average, -----	9.08	10.19	-----
7466	Pawnee Stock Feed, -----	S. A. Fishburn Paxtonia	8.57	9.56	10.00
6913	Pawnee Stock Feed, -----	H. F. Gelbach, Evans City.	8.32	9.81	10.00
6893	Pawnee Stock Feed, -----	Swope Brothers, Johnstown.	7.57	9.75	10.00
		Average, -----	8.15	9.71	-----
7832	DANNALS MILLING CO., ALTOONA, PA. *Superior Horse Chop, -----	Dannals Milling Co., Altoona.	10.50	11.88	8-10
8318	THE ALBERT DICKINSON CO., CHICAGO, ILL. Stag Stock Feed, -----	C. D. Chamberlain, Brownsville.	8.92	11.69	10.00
7916	Stag Stock Feed, -----	Thomas K. George, Homer City.	9.37	10.06	10.00
7968	Stag Stock Feed, -----	Jefferys Brothers, McKeesport.	9.85	9.94	10.00
7958	Stag Stock Feed, -----	Kooser & Dale, Duquesne,	9.80	10.81	10.00
7549	Stag Stock Feed, -----	A. T. Sprankle, DuBois,	9.89	10.50	10.00
8174	Stag Stock Feed, -----	Titusville City Mills, Titusville.	9.11	10.06	10.00
		Average, -----	9.49	10.51	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 2.97	% 3.00	% 12.10	% 10.00	\$ 1 75	Corn meal, oat middlings, oat shorts and oat hulls, wheat bran and ground grain screenings.	As certified, -----	7060
3.16	-----	11.82	-----	41 50			
3.54	3.00	10.98	10.00	1 50	Corn meal, ground barley, oat middlings, oat shorts, oat hulls and wheat middlings.	Found also ground Kaffir corn.	7466
3.31	3.00	16.85	10.00	2 50	Corn meal, ground barley, oat middlings, oat shorts, oat hulls and wheat middlings.	As certified, -----	6913
3.73	3.00	15.61	10.00	2 50	Corn meal, ground barley, oat middlings, oat shorts, oat hulls and wheat middlings.	As certified, -----	6893
3.53	-----	14.48	-----	2 17			
3.63	3.5 -4.5	4.64	7-9	2 00	Oats, hominy feed, red dog flour and barley.	As certified, -----	7832
3.99	3.00	10.20	9.00	1 75	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	8318
3.65	3.00	10.25	9.00	1 80	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7916
3.36	3.00	10.31	9.00	1 65	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7968
3.41	3.00	10.01	9.00	2 00	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7958
3.87	3.00	9.62	9.00	2 60	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7549
3.42	3.00	9.13	9.00	1 40	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	8174
3.62	-----	9.92	-----	1 77			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7834	White Cross Horse Feed, -----	R. J. Remaley, Juniata	% 9.37	% 11.13	% 10.00
	EMPORIUM MILLING CO., EMPORIUM, PA.				
7087	Emporium Feed No. 2, -----	Emporium Milling Co., Emporium.	10.15	8.69	7.63
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7867	Eshelman's Stock Feed, -----	O. S. Ebersole & Co., Penbrook.	8.82	8.94	10.00
7358	Eshelman's Stock Feed, -----	John W. Eshelman & Sons, Lancaster.	7.15	10.25	10.00
7079	Eshelman's Stock Feed, -----	Paxton Flour & Feed Co. Harrisburg.	10.77	10.44	10.00
		"Average, -----	8.91	9.88	-----
	FLORY MILLING CO., INC., BANGOR, PA.				
6941	Special Mixed Horse Feed, -----	Flory Co., Inc., Bangor	11.07	10.63	8.00
	GLOBE ROLLER MILLS, BANGOR, PA.				
6991	*Special Mixed Horse Feed, -----	Stemler Brothers, East Mauch Chunk.	11.07	12.58	8.00
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
6894	*Grandin Stock Food, -----	H. J. Klingler & Co., Butler.	9.47	8.63	10.00
8100	Granlin's Stock Food, -----	Plymouth Mill & Grain Co., Plymouth.	7.41	9.00	9.00
		Average, -----	8.44	8.82	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.39	2.50	5.88	8.00	2 35	Crushed oats and ground corn.	As certified, -----	7834
3.43	2.97	12.15	9.00	1 70	Corn, hominy, oats, oat hulls, oat middlings.	As certified, -----	7087
6.03	3.00	8.80	10.00	2 00	Corn feed meal, wheat middlings, hominy feed, cottonseed meal, oat meal mill by-product, reground grain screenings.	Found also small amount corn grit.	7867
6.27	3.00	9.29	10.00	32 00	Corn feed meal, wheat middlings, hominy feed, cottonseed meal, oat meal mill by-product, reground grain screenings.	As certified, -----	7358
4.22	3.00	9.90	10.00	2.25	Ground grain screenings, cottonseed meal oat meal mill by-product, oat hulls, oat shorts, oat middlings, rye middlings, wheat middlings, corn feed meal and hominy feed.	Rye middlings not detected.	7079
5.51	-----	9.33	-----	39 00			
4.19	4.60	5.22	5.00	2 40	Rye, oats, corn wheat screenings, wheat middlings.	As certified, -----	6941
4.19	4.60	4.72	5.00	2 50	Rye, oats, corn, wheat screenings, wheat midds	As certified, -----	6991
5.03	4.00	8.00	14.00	2 55	Ground corn, ground oats, ground barley, hominy feed, wheat middlings, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), and a small percentage of salt. Wheat middlings may contain ground screenings not exceeding mill run.	Barley not detected, --	6894
4.75	5.00	11.02	12.00	1 55	Corn meal, corn feed meal, hominy feed, wheat middlings, ground barley, oat meal mill by-products, (oat hulls, oat shorts, oat middlings), and one half of one per cent. salt. Wheat middlings may contain ground screenings not exceeding mill run.	Barley not detected, --	8109
4.31	-----	9.51	-----	2 20			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7892	HALES & HUNTER CO., CHICAGO, ILL. *Calumil Stock Feed, -----	The Irwin Muir Co., Brad- dock.	% 9.10	% 11.38	% 10.00
8123	College Stock Feed, -----	B. Lhormer, Clairton, --	8.72	10.50	10.00
8001	College Stock Feed, -----	Russell Brothers, Wash- ington.	9.30	11.38	10.00
		Average, -----	9.01	10.94	-----
7712	ILLINOIS FEED & ELEVATOR CO. BLOOMINGTON, ILL. Homestead Stock Feed, -----	Dull & Co., Connells- ville.	10.35	9.38	9.00
7828	KLEPSEB BROTHERS, MARTINS- BURG, PA. Horse Chop, -----	Klepser Brothers, Altoona	9.80	11.63	7.00
8082	CHAS. A. KAUSE MILLING CO., MILWAUKEE, WIS. Badger Blue Top Horse Feed, -----	J. B. Roux, Farrell,---	14.53	10.29	10.00
7032	Badger Gain-Mor Feed, -----	George W. Engle, Hazle- ton.	11.55	12.06	12.00
8310	Badger Gain-Mor Feed, -----	Fayette Feed Co., Fayette City.	10.55	12.13	12.00
7416	Badger Gain-Mor Feed, -----	Joshua Stouffer & Son, Huntingdon.	11.59	12.31	12.00
		Average, -----	11.23	12.17	-----
7021	Badger Stock Feed, -----	George W. Engle, Hazle- ton.	10.42	9.19	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.10	2.50	10.21	11.00	1 75	Standard middlings, ground distillers' grains, corn feed meal, ground oat feed, salt.	Corn distillers' grains not detected. Found also ground barley.	7892
2.89	2.50	10.37	11.00	2 00	Cottonseed meal, wheat middlings, wheat bran, oat middlings, oat shorts, oat hulls and salt.	Cottonseed meal not detected. Found also corn feed meal and small amount ground grain screenings.	8123
3.84	2.50	8.96	11.00	2 00	Corn feed meal, wheat middlings, wheat bran, oat middlings, oat shorts, oat hulls.	Found also ground barley.	8001
3.37	-----	9.66	-----	2 00			
3.12	3.50	7.30	9.00	1 80	Whole ground corn, oats, barmy, Kaffir corn, hominy feed, corn germ meal, oat mill by-products, oat middlings, oat flour, oat hulls.	Corn germ meal, barley and Kaffir corn not detected. Found also cottonseed meal.	7712
5.07	3.00	4.61	9.00	2 50	Rye middlings, wheat middlings, oats, hominy.	As certified, -----	7828
2.06	1.00	12.68	16.00	2 15	Corn, oats, alfalfa meal and salt.	As certified, -----	8082
4.10	4.00	4.09	4.00	2 50	Maize red dog flour, wheat middlings with ground screenings not exceeding mill run and ground Kaffir corn.	Ground Kaffir corn not detected. Found also ground white corn.	7032
2.85	4.60	2.72	5.00	1 75	Corn reddog flour, wheat middlings with ground screenings not exceeding mill run and salt.	Salt not detected, ----	8310
4.44	4.00	4.27	4.00	2 50	Maize reddog flour, Kaffir corn, wheat middlings (with ground screenings not exceeding mill run).	Kaffir corn not detected. Found also finely ground white corn.	7416
3.80	-----	3.69	-----	2.25			
3.28	3.25	7.20	12.00	2 50	Hominy feed, corn, red dog flour, corn germ meal, ground Kaffir, wheat bran, wheat middlings (with ground screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat hulls, oat shorts), O. P. linseed oil meal and $\frac{1}{2}$ of 1% salt.	Old process oil meal not detected.	7021

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
7179	Badger Stock Feed, -----	Erie Milling & Supply Co., Erie.	11.75	10.50	10.00
7643	Badger Stock Feed, -----	H. J. Klingler & Co. Butler.	9.33	8.81	10.00
8317	Badger Stock Feed, -----	J. Allen Williams, California.	8.42	9.25	10.00
		Average, -----	9.98	9.44	-----
8186	LADISH MILLING CO., MILWAUKEE, WIS. National Stock Feed, -----	J. H. Richonbrode, Hydetown.	10.02	11.13	9.00
7978	True Value Stock Feed, -----	A. B. Davidson, Tarentum.	9.36	11.94	10.00
8624	True Value Stock Feed, -----	A. F. Grine, Beaver, ---	9.29	10.69	10.00
7445	True Value Stock Feed, -----	George B. Miller, Hollidaysburg.	9.02	10.88	10.00
8315	True Value Stock Feed, -----	E. F. Sphar & Co., Roscoe.	9.78	10.06	10.00
7821	True Value Stock Feed, -----	Webb Brothers, Altoona,	9.12	12.50	10.00
		Average, -----	9.31	11.21	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.32	3.25	8.57	12.00	2 00	Hominy feed, corn, red dog flour, corn germ meal, ground Kafir, wheat bran, wheat middlings (with ground screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat hulls, oat shorts), O. P. linseed oil meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7179
3.16	3.25	9.85	9.00	1 60	Hominy feed, corn red-dog flour, corn gluten meal, ground Kafir corn, oat meal mill by-products (oat middlings, oat shorts, oat hulls), old process linseed meal, $\frac{1}{2}$ of 1% salt.	Kafir corn and linseed oil meal not detected.	7643
4.05	3.50	12.06	9.00	1 80	Hominy feed, corn red-dog flour, corn germ meal, oat meal mill by-products (oat middlings, oat hulls, oat shorts), salt.	Corn germ meal not detected.	8317
3.20	-----	9.42	-----	1 98	.		
2.60	3.00	11.26	10.00	1 50	Cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), corn feed meal.	As certified, -----	8186
2 97	3.50	8.70	10.00	2 00	Cottonseed meal, hominy feed, ground oats, ground corn, oat meal mill by products, (oat middlings, oat hulls, oat shorts), and salt.	As certified, -----	7978
3.98	3.50	8.72	10.00	2 00	Corn flour, hominy feed, ground white corn, oat meal mill by-products, oat middlings, oat hulls, oat shorts, cottonseed meal, salt.	As certified, -----	8024
3.48	3.50	9.16	10.00	1 70	Cottonseed meal, hominy feed, ground oats, ground corn, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), salt.	As certified, -----	7445
2.76	3.50	8.05	10.00	1 75	Corn flour, hominy feed, ground white corn, oat meal mill-by-product, (oat hulls, oat shorts, oat middlings), cottonseed meal, salt.	Found also buck-wheat middlings.	8315
4.06	3.50	7.26	10.00	2 00	Corn flour, hominy feed, ground white corn, oat meal mill-by product, (oat hulls, oat shorts, oat middlings), cottonseed meal, salt.	As certified, -----	7821
3.45	-----	8.37	-----	1 89			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8085	THE MCMILLEN CO., FORT WAYNE, IND. Jumbo Stock Feed, -----	Frank Day, Wheatland,	% 8.64	% 8.69	% 9.00
6964	MANN & ALLSHOUSE, EASTON, PA. Mixed Feed, -----	Easton Mercantile Co., Easton.	15.12	10.06	4-10
7678	MARITIME TRADING CORPORATION, BUFFALO, N. Y. Bull Brand Stock Feed, -----	Canton Mercantile Co., Canton.	9.32	12.81	11.00
6982	MAUSER MILL CO., ALLENTOWN, PA. Mauser's Stock Feed, -----	Mauser Mill Co., Allentown.	10.65	13.81	13.00
7289	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Mihimico Stock Feed, -----	Miner-Hillard Milling Co. Wilkes-Barre.	9.05	12.00	11.00
8060	THE PARK & POLLARD CO., BOSTON, MASS., & CHICAGO, ILL. The Park & Pollard Co., Stock Feed.	F. W. Dawson & Son, Williamsport.	8.82	8.38	9.00
6806	P. & P. Stock Feed, -----	H. J. Klingler & Co., Butler.	8.25	8.06	9.00
7970	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Prairie State Stock Feed, -----	A. Davison Feed Co., McKeesport.	8.69	10.00	8.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Micro-scopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.35	4.00	12.51	11.00	1 65	Ground corn, ground oats, ground barley, ground kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Sunflower seed not detected.	8065
1.52	2-6	3.45	6-8	2 75	Corn, rye, rye feed and hominy.	As certified, -----	6064
4.52	4.00	11.08	10.00	1 75	Hominy feed, corn feed meal, barley feed, linseed oil meal, wheat bran, wheat middlings, second clear flour, clipped oat by-product and $\frac{3}{4}$ of 1% salt. (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run).	As certified, -----	7678
3.69	3.25	8.18	8.75	2 50	Ground corn, hominy feed, linseed oil meal, ground barley, wheat bran and wheat middlings (with ground screenings not exceeding mill run), cottonseed meal, oat feed, (oat middlings, oat hulls), 1% salt and ground Kaffir corn.	Kaffir corn not detected. Found also buckwheat and ground grain screenings.	6992
4.31	4.00	6.95	10.00	1 90	Alfalfa meal, hominy feed, wheat middlings, rye middlings, corn, oats, corn oil meal, salt.	As certified, -----	7289
2.74	2.50	10.38	12.00	2 50	Ground corn, hominy feed, old process linseed oil meal, oat hulls, oat middlings, oat shorts, calcium carbonate and salt.	As certified, -----	8060
3.71	1.50	12.41	10.00	2 55	Ground corn, hominy feed, oat feed.	Oat feed included oat middlings and oat hulls.	6896
3.49	2.00	8.55	8.00	1 50	Ground corn, barley feed, by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls.	As certified, -----	7970

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Mo. sture.	Protein.	
				Found.	Guaranteed.
7574	Prairie State Stock Feed, -----	Dayton Milling Co., Dayton.	% 9.14	% 8.50	% 6.00
7975	Prairie State Stock Feed, -----	S. B. Floyd & Son, Pittsburgh.	8.20	9.44	8.00
6887	Prairie State Stock Feed, -----	Johnstown Milling Co., Johnstown.	8.65	10.31	8.00
7963	Prairie State Stock Feed, -----	E. P. Junker, McKeesport.	8.45	9.94	8.00
7971	Prairie State Stock Feed, -----	R. E. McCague, Pittsburgh.	8.59	8.81	8.00
7962	Prairie State Stock Feed, -----	Miller Bros., Hays, ---	9.07	9.06	8.00
7767	Prairie State Stock Feed, -----	A. T. Stutzman & Co., Johnstown.	9.50	9.31	8.00
8120	Prairie State Stock Feed, -----	Jos. P. Warne & Co., Monongahela.	8.82	9.81	8.00
8325	Prairie State Stock Feed, -----	Western Flour Co., Charle- roi.	9.10	11.06	8.00
		Average, -----	8.82	9.62	-----
	PURITY OATS CO., DAVENPORT, IOWA.				
7065	Iowa Stock Feed, -----	Earley & Detweiler, Palmyra.	8.35	10.94	10.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.27	2.50	10.16	8.00	1 60	Ground corn, barley feed, (by-products from the manufacture of pearl barley), barley, corn feed meal, oat shorts and oat hulls..	As certified, -----	7574
3.26	2.50	11.37	8.00	1 40	Ground corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	7975
2.77	2.50	14.01	8.50	3 00	Ground corn, barley feed, corn feed meal, ground oat hulls and oat feed.	Oat feed included oat middlings and oat hulls.	6887
3.67	2.50	8.97	9.00	1 50	Ground corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	7963
2.84	2.00	11.49	8.00	1 25	Ground corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	7971
2.13	2.50	11.98	8.00	1 50	Cracked corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	7962
3.11	2.50	9.85	8.00	1 75	Ground corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	7767
3.50	2.50	8.50	8.00	1 60	Ground corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	8120
3.46	2.50	9.69	8.00	1 60	Ground corn, barley feed (by-products from the manufacture of pearl barley), corn feed meal, oat shorts, oat hulls.	As certified, -----	8325
3.25	-----	10.45	-----	1 67			
4.85	4.00	10.56	9.00	2 50	Wheat middlings, corn meal, hominy fed, brewers' dried grains, corn gluten feed, oatmeal mill by-product, (oat middlings, oat shorts, oat hulls), and 1% table salt.	As certified, -----	7065

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8626	Iowa Stock Feed, -----	W. W. McCullough, West Bridgewater.	% 9.25	% 10.44	% 10.00
7360	Iowa Stock Feed, -----	West Willow Farmers' Association, Inc., West Willow.	9.56	9.13	10.00
		Average, -----	9.05	10.17	-----
7537	THE QUAKER OATS CO., CHICAGO, ILL. Schumacher Feed, -----	Brown & Fassett, Montrose.	8.65	11.00	10.00
7606	Schumacher Feed, -----	D. O. Christman, Weissport.	7.42	11.13	10.00
7604	Schumacher Feed, -----	Roy J. Dunham, Wellsboro.	8.70	10.50	10.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.27	4.00	11.55	9.00	1 75	Wheat middlings, corn meal, hominy feed, brewers' dried grains, corn gluten feed, oatmeal mill by-product, (oat middlings, oat shorts, oat hulls), and 1% table salt.	As certified, -----	8020
4.23	4.00	13.03	9.00	35 00	Wheat middlings, corn meal, hominy feed, brewers' dried grains, corn gluten feed, oatmeal mill by-product, (oat middlings, oat shorts, oat hulls), and 1% table salt.	As certified, -----	7300
3.55	-----	11.71	-----	40.00			
5.39	3.25	10.46	10.00	1 75	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7537
4 43	3.25	11.18	9.00	2 90	Ground corn, hominy feed, yellow hominy feed, linseed oil meal, ground barley, wheat bran and wheat middlings (with ground screenings not exceeding mill run), cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ground puffed rice, ground puffed wheat, calcium phosphate, milo maize, $\frac{1}{2}$ of 1% salt.	As certified, -----	7006
4.40	3.25	10.09	12.00	1 85	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	7604

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
7048	Schumacher Feed, -----	Hewes & McNamara, Pottsville.	% 8.22	% 11.56	% 10.00
7056	Schumacher Feed, -----	Jalappa Grain Elevator Pottsville.	8.85	10.56	10.00
7232	Schumacher Feed, -----	Juniata Feed & Flour Co., Tyrone.	7.67	10.50	10.00
7310	Schumacher Feed, -----	Paradise Farmers' Asso- ciation, Inc., Vintage.	8.96	10.13	10.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.80	3.25	11.40	9.00	3 00	Ground corn, hominy feed, yellow hominy feed, linseed oil meal, ground barley, wheat bran and wheat middlings (with ground screenings not exceeding mill run) cottonseed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts) ground puffed rice, ground puffed wheat, calcium phosphate, $\frac{1}{2}$ of 1% salt.	As certified, -----	7048
4.18	3.25	12.02	10.00	2 25	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat shorts, oat middlings, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	7056
4.78	3.25	12.00	10.00	2 60	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat shorts, oat middlings, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	7232
3.58	3.25	10.00	10.00	1 80	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat shorts, oat middlings, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	7310

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7564	Schumacher Feed, -----	Punxsutawney Milling Co., Punxsutawney.	% 9.14	% 11.50	% 10.00
		Average, -----	8.45	10.86	-----
7158	Sterling Feed, -----	W. J. Carrol Sons, Erie	8.10	11.44	10.00
5113	Victor Feed, -----	W. W. Davidson & Son, Ellwood City.	8.02	8.75	8.50
7133	Victor Feed, -----	Hammond Elevator Co., Corry.	8.92	9.50	8.90
7225	Victor Feed, -----	Juniata Feed & Flour Co. Tyrone.	9.05	8.19	8.50
7167	Victor Feed, -----	Nickle Plate Flour Mills Erie.	8.57	8.00	8.00
		Average, -----	8.64	8.61	-----
7432	Vim Feed, -----	Fay Milling Company Hollidaysburg.	7.00	7.19	5.00
7262	White Diamond Stock Feed, -----	John G. Allen, Beaver Falls.	9.27	8.13	8.50

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.21	% 3.00	% 11.24	% 12.00	¢ 2 00	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat shorts, oat middlings, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	7564
4.10	-----	11.19	-----	2 27			
4.09	3.25	12.35	9.00	1 80	Ground corn, hominy feed, yellow hominy feed, ground barley, rye flour, wheat middlings (with ground screenings not exceeding mill run), cottonseed meal, ground puffed rice, ground puffed wheat, oatmeal mill by-product (oat middlings, oat hulls, oat shorts), calcium phosphate, linseed oil meal, one-half of one per cent. salt.	Found also ground Kaffir corn.	7153
2.88	2.50	8.72	10.00	2 00	Ground corn, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	8113
4.49	3.25	8.60	9.00	2 00	Ground corn, hominy feed, yellow hominy feed, oat meal mill by-product, (oat middlings, oat shorts, oat hulls), calcium phosphate, one-half of one per cent. salt, milo maize.	As certified, -----	7133
3.95	2.50	9.65	10.00	2 60	Ground corn, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	7225
3.48	3.25	12.75	9.00	1 70	Ground corn, hominy feed, yellow hominy feed oat meal mill by-product (oat middlings, oat hulls, oat shorts), calcium phosphate and $\frac{1}{2}$ of 1% salt.	As certified, -----	7167
3.70	-----	9.93	-----	2 08			
1.71	2.00	26.00	20.00	1 50	Oat meal mill by-products, (oat middlings, oat hulls, oat shorts).	As certified, -----	7432
2.60	2.50	9.35	10.00	2 00	Ground corn, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	7262

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
7253	White Diamond Stock Feed, -----	The Bechtel Co., Monaca	9.30	8.63	8.50
7573	White Diamond Stock Feed, -----	Dayton Milling Co., Dayton.	9.39	9.00	8.50
7240	White Diamond Stock Feed, -----	Rochester Seed & Supply Co., Rochester.	11.05	9.00	8.50
8038	*White Diamond Stock Feed, -----	Rochester Seed & Supply Co., Rochester.	8.34	8.63	8.00
8188	*White Diamond Stock Feed, -----	A. C. Snyder & Son, Clarion.	7.85	8.31	8.00
		Average, -----	9.20	8.62	-----
	ROSENBAUM BROTHERS, CHICAGO, ILL.				
7951	Vitality Stock Feed, -----	George H. Nicklas, Pittsburgh.	9.47	9.19	9.00
7998	Vitality Stock Feed, -----	Waynesburg Milling Co., Waynesburg.	9.43	8.88	9.00
		Average, -----	9.45	9.04	-----
	SHAMROCK MILLS, ST. LOUIS, MO.				
8040	Shamrock Stock Feed, -----	Woodlawn Flour & Feed Co., Woodlawn.	8.54	8.75	9.00
	THE SHEETS ELEVATOR CO., TOLEDO, OHIO.				
7765	Haskell's Stock Feed, -----	A. T. Stutzman & Son, Johnstown.	8.35	10.50	9.00
	SMITH MILLING CO., MILWAU- KEE, WIS.				
7324	4-Ail Stock Feed, -----	Ajax Supply Co., Lancaster.	10.20	14.38	12.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%				
3.10	2.50	10.10	10.00	2 46	Ground corn, hominy feed, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	7253
3.39	2.50	9.26	10.00	1 75	Ground corn, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	7573
3.65	2.50	8.70	10.00	2 06	Ground corn, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	7240
3.05	3.00	7.63	14.00	1.45	Ground corn, hominy feed, barley feed, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	8038
2.93	3.00	9.91	14.00	2 25	Ground corn, hominy feed, barley feed, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	8188
3.12	-----	9.15	-----	1 93			
2.26	3.00	10.99	12.00	1 75	Corn feed meal, ground oats, ground barley, wheat bran, oat hulls, 1% salt.	As certified, -----	7951
2.97	3.00	12.12	12.00	1 80	Corn feed meal, ground oats, ground barley, wheat bran, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), and 1% salt.	As certified, -----	7998
2.62	-----	11.55	-----	1 78			
4.78	5.00	11.65	11.00	1 90	Hominy feed, ground corn, yellow hominy feed, oat middlings, oat shorts, oat hulls, wheat middlings, wheat bran, ground wheat screenings, ground barley, $\frac{3}{4}$ of 1% salt.	Ground barley not detected.	8040
6.11	6.00	8.20	9.00	2 00	Ground corn, ground oats, hominy feed, oat hulls, oat shorts, and salt.	As certified, -----	7765
4.64	4.00	11.99	11.00	2 35	Hominy feed, ground corn, corn oil meal, ground barley, linseed oil meal, wheat bran, wheat middlings, oat middlings, (middlings and shorts), salt.	Found also small amount ground grain screenings.	7324

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	CHARLES M. ST. CLAIR, LATROBE, PA.		%	%	%
7762	*Corn, Oats and Middlings, -----	Charles M. St. Clair, Latrobe.	11.05	13.13	-----
	THOMAS-BOYCE FEED CO., ATTICA, N. Y.				
7548	*Corn, Oats & Barley Feed, -----	A. T. Sprankle, DuBois,	10.04	16.38	10.00
	F. C. WILLIAMS, EASTON, PA.				
6974	Dandy Mixed Feed, -----	F. C. Williams, Easton,	10.67	11.13	10.00
6975	Tip Top Mixed Feed, -----	F. C. Williams, Easton,	10.85	11.06	10.00
	J. M. WYCKOFF, EAST STROUDSBURG, PA.				
6918	Mixed Feed, -----	J. M. Wyckoff, East Stroudsburg.	11.72	9.38	10.00
	PROPRIETARY STOCK HORSE AND MULE FEED WITH MOLASSES.				
	AJAX SUPPLY CO., LANCASTER, PA.				
7326	*Ajax Full Grain Horse Feed, -----	Ajax Supply Co., Lancaster.	10.12	9.94	9.00
7325	*Ajax 60% Grain Horse Feed, -----	Ajax Supply Co., Lancaster.	12.53	10.74	9.00
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
8066	Portage Horse Feed, -----	Peter Blumling, McKees Rocks.	14.05	10.24	10.00
6877	Portage Horse Feed, -----	Claude Davis, Windber,	13.25	10.62	9.00
7642	Portage Horse Feed, -----	Pollock Flour & Feed Co. Ford City.	15.27	9.90	10.00
8032	Portage Horse Feed, -----	Peter Shaffer & Son, New Brighton.	14.73	10.56	10.00
8139	Portage Horse Feed, -----	Turner Brothers, Cambridge Springs.	13.45	10.45	10.00
		Average, -----	14.15	10.35	-----
	ALFOCORN MILLING CO., ST. LOUIS, MO.				
8035	Alfocorn Special Horse & Mule Feed, -----	Excelsior Flour & Feed Co., Freedom.	13.53	10.39	9.00
	AMERICAN MILLING CO., PEORIA, ILL.				
8111	*Ameo Stock Feed, -----	W. W. Davidson & Son, Ellwood City.	7.27	10.69	10.00
8021	Kiek-A-Poo Horse Feed, -----	W. W. McCullough, West Bridgewater.	11.87	10.34	10.00
8191	Kiek-A-Poo Horse Feed, -----	Ridgway Grist Mill, Ridgway.	13.27	11.31	10.00
		Average, -----	12.57	10.82	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	[¢]			
3.85	-----	5.00	-----	1 70	Corn oats and wheat middlings.	As certified, -----	7762
4.47	4.00	10.22	10.00	2 00	Corn, hominy, barley, linseed oil meal, oat shorts, oat hulls, oat middlings, wheat middlings, $\frac{1}{2}$ of 1% salt.	As certified, -----	7548
3.88	4.00	4.71	6.00	3 75	Corn, oats, rye, rye middlings.	Found also ground grain screenings.	6974
4.05	4.00	4.75	6.00	3 65	Corn, oats, rye, rye. middlings.	Found also ground grain screenings.	6975
3.95	3.00	4.78	9.00	2 25	Oats, corn, rye bran and midds.	As certified, -----	6918
5.12	2.50	3.45	7.00	2 25	Crimped oats*, cracked corn and molasses.	As certified, -----	7326
2.75	2.00	9.81	15.00	2 10	Crimped oats, sifted cracked corn, crimp d barley, alfalfa meal and molasses.	Found also small amount whole weed seeds.	7325
2.41	2.00	7.61	12.00	2 00	Corn, oats, alfalfa meal and molasses.	As certified, -----	8066
2.50	2.00	12.28	12.00	58 00	Rolled oats, cracked corn, rolled barley, alfalfa meal and molasses.	Barley not detected. tected. Found also flax plant refuse.	6877
2.35	2.00	7.06	12.00	2 00	Corn, oats, alfalfa meal, molasses.	As certified, -----	7642
2.36	2.00	8.61	12.00	2 00	Corn, oats, alfalfa meal, molasses.	As certified, -----	5082
2.48	2.00	7.88	12.00	2 00	Corn, oats, alfalfa meal, molasses.	As certified, -----	5139
2.42	-----	8.68	-----	43 60			
3.08	2.00	5.49	13.50	2 00	Alfalfa meal, whole oats crushed, whole corn crushed, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	8635
3.46	3.00	13.76	14.00	2 00	Corn feed meal, ground barley, linseed meal, prime cottonseed meal, oat shorts, oat middlings, oat hulls, molasses and salt.	As certified, -----	8111
3.42	2.50	8.94	10.00	2 00	Corn, oats, barley, alfalfa, molasses and salt.	As certified, -----	8021
3.76	2.50	7.48	10.00	2 35	Corn, oats, barley, alfalfa, molasses and salt.	Barley not detected, --	8191
3.59	-----	8.21	-----	2 18			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
8112	Sucrene Horse & Mule Feed, -----	W. W. Davidson & Son, Ellwood City.	% 11.89	% 8.78	% 9.00
7543	Sucrene Horse & Mule Feed, -----	DuBois Milling Co., DuBois.	13.25	6.28	9.00
		Average, -----	12.57	7.53	-----
7400	Sucrene Horse Feed with Alfalfa, --	Ross E. Goodman, Huntingdon.	14.40	10.13	10.00
7196	Sucrene Horse Feed with Alfalfa, --	Tyrone Milling Co., Tyrone.	8.70	10.19	10.00
		Average, -----	11.55	10.16	-----
7710	Tip-Top Horse Feed with Alfalfa, --	Dull & Co., Connellsville,	15.62	10.06	10.00
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
8041	Country Gentleman Horse Feed, ----	A. W. Bickerstaff, Woodlawn.	14.58	11.27	8.00
7490	Country Gentleman Horse Feed, ----	Johnstown Milling Co., Johnstown.	13.92	9.73	9.00
8005	Country Gentleman Horse Feed, ----	McCullum Co., Washington.	14.98	11.66	8.00
		Average, -----	14.49	10.89	-----
	ATLAS CEREAL CO., KANSAS CITY, MO.				
7889	Flag Horse & Mule Feed, -----	Braddock Feed & Supply House, Braddock.	13.41	9.94	8.00
	J. J. BADENOCH CO., CHICAGO, ILL.				
7880	Gloskoat Horse Feed, -----	R. S. Altman, Irwin, ---	14.63	10.67	11.00
8321	Gloskoat Horse Feed, -----	Champion Mills, South Brownsville.	13.67	10.80	10.00
8136	Gloskoat Horse Feed, -----	Sherman Milling Co., Meadville.	14.03	10.33	10.00
8027	Gloskoat Horse Feed, -----	Stager Co., New Brighton	13.16	10.31	10.00
		Average, -----	13.87	10.53	-----
	H. B. CASSEL & SON, PHILADELPHIA, PA.				
7482	Cassel's 85 Horse Feed, -----	H. B. Cassel & Son, Philadelphia.	15.53	9.92	10.00
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
8307	Big 4 Horse Feed, -----	Robert McCracken, Philadelphia.	17.51	6.74	9.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Pound.	Guaranteed.	Pound.	Guaranteed.				
%	%	%	%	\$			
2.55	2.50	10.41	12.00	2 00	Molasses, corn, oats, oat shorts, oat midlings, oat hulls, barley and salt.	As certified, -----	8112
2.02	2.00	14.48	12.00	2 00	Molasses, corn, oats, oat shorts, oat midlings, oat hulls, barley and salt.	As certified, -----	7543
2.29	-----	12.44	-----	2 00			
2.99	2.50	7.78	12.00	2 50	Corn, oats, barley, alfalfa, molasses and salt.	As certified, -----	7400
2.67	2.50	8.07	12.00	2 50	Corn, oats, barley, alfalfa, molasses and salt.	Found also small amount whole weed seeds.	7196
2.83	-----	7.92	-----	2 50			
2.58	2.50	10.06	12.00	2 30	Corn, oats, barley, alfalfa, molasses and salt.	As certified, -----	7710
1.29	2.00	13.34	15.00	2.00	Cracked, corn, oats, alfalfa, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	8041
2.73	2.00	9.03	12.00	2 25	Cracked corn, oats, meal, molasses and $\frac{1}{2}$ of 1% salt.	Found also barley, --	7490
1.57	2.00	13.90	15.00	2 25	Cracked corn, oats, alfalfa, molasses, 1% salt.	As certified, -----	8005
1.86	-----	12.09	-----	2 17			
1.86	2.00	13.33	16.00	1 75	Cracked corn, oats, alfalfa meal, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	7889
2.18	2.00	9.88	15.00	1 85	Cracked corn, ground oats, ground barley, alfalfa meal and molasses.	As certified, -----	7880
2.45	2.00	9.10	16.00	2 25	Cracked corn, crushed oats, ground barley, alfalfa meal and molasses.	As certified, -----	8321
2.96	2.00	9.20	16.00	2 50	Cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	As certified, -----	8136
2.92	2.00	7.25	16.00	2 00	Cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	As certified, -----	8027
2.63	-----	8.85	-----	2 15			
3.84	3.00	7.55	14.00	38 00	Cracked corn, crushed oats, cane molasses, alfalfa meal, $\frac{1}{2}$ of 1% salt.	As certified, -----	8
1.48	2.00	6.91	10.00	1 75	Cracked corn, crimped oats, alfalfa meal, clipped oat by-product, molasses and $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	7

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7136	Black Beauty Horse Feed, -----	Corry Milling & Supply Co., Inc., Corry.	% 15.35	% 9.40	% 10.00
7135	Clover Leaf Mills Horse Feed, -----	Corry Milling & Supply Co., Inc., Corry.	15.78	9.57	10.00
7219	Peerless Horse Feed, -----	Juniata Feed & Flour Co., Tyrone.	16.84	8.11	10.00
7763	THE CORNO MILLS CO., ST. LOUIS, MO. Corno Sweet Feed, -----	J. H. Hershberger & Son Johnstown.	15.43	11.49	10.00
7321	Corno Sweet Feed, -----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	12.50	10.79	10.00
8025	Corno Sweet Feed, -----	Monaca Roller Mills Monaca.	15.81	10.69	10.00
8039	Corno Sweet Feed, -----	Woodlawn Flour & Feed Co., Woodlawn.	15.13	9.93	10.00
		Average, -----	14.71	10.73	-----
6908	Nutro Sweet Feed, -----	Thompson & Glenn, Butler.	13.07	9.19	9.00
7949	Pawnee Sweet Feed, -----	A. W. Garvie, Pittsburgh	12.16	9.70	9.00
8118	Pawnee Sweet Feed, -----	James B. Hayward & Son, Monongahela.	10.71	10.53	9.00
8166	Pawnee Sweet Feed, -----	New Model Milling Co., Oil City.	11.63	9.35	10.00
		Average, -----	11.50	9.86	-----
8207	CURTISS GRAIN CORPORATION, BUFFALO, N. Y. Faramel Horse Feed, -----	Smith Brothers, Inc., Bradford.	14.78	10.83	9.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.10	2.00	10.91	12.00	2 10	Cracked corn, crimped oats, alfalfa meal, molasses and one-half of one per cent. fine table salt.	As certified, -----	7126
2.56	2.00	11.01	12.00	2 10	Cracked corn, crushed oats, alfalfa meal, molasses and $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	7135
1.70	2.00	13.17	15.00	2 60	Cracked corn, crushed oats, alfalfa meal, molasses and $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	7219
2.69	2.50	7.81	15.00	2 25	Whole oats crushed, choice alfalfa meal, flaked corn and molasses.	As certified, -----	7763
2.34	2.50	15.22	15.00	40 00	Whole oats crushed, ground choice alfalfa, cracked corn and molasses.	As certified, -----	7321
2.84	2.50	6.01	15.00	2 00	Whole oats crushed, choice alfalfa meal, flaked corn and molasses.	As certified, -----	8025
3.00	2.50	5.35	15.00	2 15	Whole oats crushed, choice alfalfa meal, flaked corn and molasses.	As certified, -----	8039
2.72	-----	8.59	-----	42 00			
2.34	2.00	10.84	10.00	48 00	Ground alfalfa, cracked corn, whole oats crushed, oat middlings, oat shorts and oat hulls and molasses.	As certified, -----	6908
2.33	2.00	8.20	10.00	2 00	Whole oats crushed, choice alfalfa meal, cracked corn, oat middlings, oat shorts, oat hulls and molasses.	As certified, -----	7949
2.29	2.00	7.43	10.00	2 00	Whole oats crushed, choice alfalfa meal, cracked corn, oat middlings, oat shorts, oat hulls and molasses.	As certified, -----	8118
2.20	2.00	11.31	10.00	2 40	Whole oats crushed, ground choice alfalfa, cracked corn, oat middlings, oat shorts, oat hulls and molasses.	As certified, -----	8166
2.27	-----	8.98	-----	2 13			
3.53	4.00	6.91	6.00	2 50	Crushed oats, cracked corn, crushed barley, wheat bran which may contain ground grain screenings not screenings not exceeding mill run and molasses.	Found also large amount of weed seeds.	8207

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE ALBERT DICKINSON CO., CO., CHICAGO, ILL.		%	%	%
7581	Hobby Horse Feed, -----	J. A. Gault & Co., Kittanning.	19.43	10.18	9.50
7955	Hobby Horse Feed, -----	Leechburg Flouring Mills Leechburg.	13.52	9.85	9.00
8157	Hobby Horse Feed, -----	Rice & Jones, Lebanon.	9.99	11.04	9.00
7932	Hobby Horse Feed, -----	Routh & Company, Wil- merding.	15.07	9.77	8.00
		Average, -----	14.50	10.21	-----
7954	Oasis Horse Feed, -----	J. M. Brown & Co., Pittsburgh.	11.44	10.76	9.00
7716	Oasis Horse Feed, -----	Hardy & Porter, Dunbar.	14.96	10.01	9.00
7967	Oasis Horse Feed, -----	Jeffreys Brothers, McKees- port.	13.58	9.33	9.00
8008	Oasis Horse Feed, -----	J. K. Lawson, Washing- ton.	12.53	10.38	8.00
7900	Oasis Horse Feed, -----	John Williams & Sons, Pittsburgh.	12.14	9.62	9.00
		Average, -----	12.93	10.02	-----
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7352	Eshelman's 40 Horse Feed, -----	John W. Eshelman & Sons, Lancaster.	14.43	9.70	9.00
7058	Eshelman's 60 Horse Feed, -----	Earley & Detweiler, Palmyra.	16.04	8.44	10.00
7353	Eshelman's 60 Horse Feed, -----	John W. Eshelman & Sons, Lancaster.	14.68	9.74	10.00
8108	Eshelman's 60 Horse Feed, -----	Seureman Milling Co., Wilkes-Barre.	14.38	9.06	10.00
		Average, -----	15.03	9.08	-----
7329	Eshelman's 85 Horse Feed, -----	John W. Eshelman & Sons, Lancaster.	13.37	10.00	10.00
7461	Eshelman's 85 Horse Feed, -----	S. A. Fishburn, Paxtonia	12.07	9.97	10.00
8339	Eshelman's 85 Horse Feed, -----	J. Leedom Moore, Llan- ceh.	11.63	10.59	10.00
		Average, -----	12.35	10.19	-----
	GEORGE H. FETZER, PHILA- DELPHIA, PA.				
8305	Empire Horse Feed, -----	Robert McCracken, Phila- delphia.	15.22	10.98	9.00
8306	Fetzer's Special Horse Feed, -----	Robert McCracken, Phila- delphia.	15.95	9.35	10.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.04	1.50	11.90	15.00	2 60	Corn, oats, molasses, alfalfa meal.	Sample in bad condition and damaged by insects.	7581
1.85	1.50	12.41	15.00	2 00	Corn, oats, alfalfa meal and molasses.	As certified, -----	7955
1.69	1.50	14.68	15.00	1 85	Corn, oats, alfalfa meal and molasses.	As certified, -----	8157
2.34	1.50	11.00	15.00	2 25	Corn, oats, alfalfa meal and molasses.	As certified, -----	7932
1.98	-----	12.49	-----	2 18			
2.35	1.50	12.01	15.00	2 00	Corn, oats, alfalfa meal and molasses.	As certified, -----	7954
3.07	1.50	10.30	15.00	2 25	Corn, oats, alfalfa meal and molasses.	As certified, -----	7716
2.20	1.50	10.42	15.00	2 00	Corn, oats, alfalfa meal and molasses.	As certified, -----	7967
1.83	1.50	13.14	15.00	2 25	Corn, oats, alfalfa meal and molasses.	As certified, -----	8008
1.96	1.50	11.79	13.00	2 00	Corn, oats, alfalfa meal and molasses.	As certified, -----	7900
2.28	-----	11.53	-----	2 10			
1.94	2.00	9.63	14.00	34 50	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7352
2.79	2.50	8.38	14.00	2 50	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7058
2.57	2.50	10.60	14.00	37 00	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7353
2.93	2.50	7.70	14.00	2 00	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	8108
2.76	-----	8.89	-----	42 33			
3.96	3.00	6.12	14.00	38 00	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7329
3.92	3.00	7.03	14.00	2 10	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7461
3.61	3.00	7.04	14.00	1 90	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Salt not detected, ---	8339
3.83	-----	6.73	-----	39 33			
3.28	1.50	5.85	10.00	1 50	Cracked corn, crushed oats, clipped oat by-product alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	Found also wheat bran and small amount small whole weed seeds.	8305
3.29	3.00	6.80	10.00	1 80	Crushed oats, cracked corn, alfalfa meal, molasses and 1% salt.	Found also barley, --	8306

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7570	GLOBE GRAIN CO., INC., BUFFALO, N. Y. Blue Ribbon Horse Feed, -----	Jefferson Flour & Feed Co., Punxsutawney.	% 18.06	% 10.05	% 9.00
7940	GOLDEN GRAIN MILLING CO., EAST ST. LOUIS, ILL. Golden Grain Horse & Mule Feed,	Scobie & Parker Co., Pittsburgh.	13.30	10.25	9.00
6992	HALES & HUNTER CO., CHICAGO, ILL. Harvest Horse Feed, -----	Stemler Brothers, East Mauch Chunk.	15.03	8.60	10.00
7258	Kingfalfa Horse Feed, -----	John G. Allen, Beaver Falls.	14.91	8.88	10.00
7877	Kingfalfa Horse Feed, -----	Keystone Supply Co., Jeannette.	12.26	9.63	10.00
8124	Kingfalfa Horse Feed, -----	B. Lhorner, Clairton, --	12.51	9.83	11.00
7702	Kingfalfa Horse Feed, -----	McFarland Supply Co., Greensburg.	14.00	10.52	10.00
7478	DWIGHT HAMLIN, INC., PITTSBURGH, PA. *Ace High Horse Feed, -----	Average, ----- Walton Brothers, Philadelphia.	13.42 19.94	9.72 8.29	----- 8.50
6966	Hamlin's Quality Feed, -----	The Easton Flour & Feed Co., Easton.	17.52	9.08	9.00
8303	Hamlin's Quality Feed, -----	Robert McCracken, Philadelphia.	16.00	9.35	9.00
7273	Hamlin's Quality Feed, -----	The Mandeville Co., Wilkes-Barre.	13.53	9.98	9.00
6988	Hamlin's Quality Feed, -----	Mauser Mill Co., Allentown.	16.32	8.52	9.00
		Average, -----	15.84	9.23	-----
8295	Hamlin's Special Horse Feed, -----	Ezr. Dunwoody Co., Philadelphia.	11.74	10.14	9.00
8335	Hamlin's Special Horse Feed, -----	Max Supowitz, Philadelphia.	15.31	8.68	9.00
7475	Heavy Grain Quality Feed, -----	Average, ----- Walton Brothers, Philadelphia.	13.52 14.85	9.41 8.42	----- 9.00
7977	H. & S. Horse, Mule & Dairy Feed,	Dwight E. Hamlin, Inc. Pittsburgh.	13.08	12.90	14.00
6984	H. & S. Horse, Mule & Dairy Feed,	Mauser Mill Co., Allentown.	18.53	17.83	14.00
		Average, -----	13.30	15.37	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$\frac{c}{t}$			
2.47	2.00	8.85	12.00	2 15	Cracked corn, oats, barley, shredded alfalfa, cane molasses, $\frac{3}{4}$ of 1% salt.	As certified, -----	7570
3.34	3.00	7.72	10.00	2 50	Cracked corn, oats, alfalfa meal, molasses $\frac{1}{2}$ of 1% salt.	As certified, -----	7940
3.06	2.00	9.78	15.00	2 60	Cracked corn, rolled oats, rolled barley, alfalfa and molasses.	Rolled barley not detected. Found also small amount small whole weed seeds.	6992
2.63	2.00	7.98	15.00	2 25	Alfalfa, molasses, cracked corn, oats and barley.	As certified, -----	7258
2.59	2.00	9.01	15.00	2 75	Alfalfa, molasses, ground corn, oats and barley.	As certified, -----	7877
2.37	2.00	8.35	15.00	1 75	Alfalfa, molasses, cracked corn, oats and barley.	Found also small amount ground grain screenings.	8124
2.48	2.00	7.09	15.00	2.00	Alfalfa, molasses, cracked corn, oats and barley.	As certified, -----	7702
2.52	-----	8.10	-----	2 19			
1.58	1.25	10.22	14.00	31 00	CXX Grains, (toasted wheat bran and barley), alfalfa meal, corn, oats, reground oat feed, pure cane molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	7478
1.86	1.50	12.08	14.00	3 25	Corn, oats, alfalfa and cane syrup.	As certified, -----	6966
1.34	1.50	11.21	14.00	1 75	Corn, oats, alfalfa and molasses.	Found also corn gluten feed.	5303
2.24	1.50	12.94	14.00	2 20	Corn, oats, alfalfa and cane syrup.	As certified, -----	7273
1.51	1.50	11.44	14.00	2 75	Corn, oats, alfalfa and cane syrup.	As certified, -----	6988
1.74	-----	11.91	-----	2 49			
3.12	1.50	8.02	14.00	1 40	Corn, oats, alfalfa and cane syrup.	As certified, -----	8295
2.00	1.50	8.73	14.00	1 85	Corn, oats, alfalfa and cane syrup.	As certified, -----	8335
2.56	-----	8.37	-----	1 63			
1.65	1.50	10.60	14.00	33 00	Corn, oats, alfalfa and cane syrup.	As certified, -----	7475
2.32	2.00	13.61	12.00	2 20	Crushed flaxseed meal, O. P. oil meal, alfalfa meal, dried brewers grains, pure cane syrup $\frac{1}{2}$ of 1% salt and cottonseed meal.	As certified, -----	7977
2.19	2.00	12.80	12.00	3 25	Crushed flaxseed meal, O. P. oil meal, alfalfa meal, dried brewers grains, pure cane syrup $\frac{1}{2}$ of 1% salt and cottonseed meal.	Found also corn distillers' dried grains.	6984
2.26	-----	13.20	-----	2 78			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8294	*Keystone Horse Feed, -----	Ezr. Dunwoody Co., Philadelphia.	% 14.72	% 9.12	% 1.00
8288	Special Molasses Feed, -----	Woodward & Co., Philadelphia.	13.57	7.18	6.00
7976	Superfine Horse Feed, -----	Dwight Hamlin, Inc., Pittsburgh.	13.92	9.33	9.00
8342	Superfine Horse Feed, -----	J. Leedom Moore, Lancaster.	14.13	10.54	9.00
8334	Superfine Horse Feed, -----	Max Supowitz, Philadelphia.	12.83	11.07	9.00
	CHARLES HIEBER & CO., PHILADELPHIA, PA.	Average, -----	13.63	10.31	-----
8304	*Mascot Horse Feed, -----	Robert McCracken, Philadelphia.	11.86	6.17	6.00
8080	THE H-O CO., BUFFALO, N. Y. H-O Algrane Horse Feed, -----	L. J. Pizer & Son, Mercer.	8.86	9.38	11.00
7315	H-O New England Stock Feed, ----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	10.60	10.56	9.50
7154	H-O New England Stock Feed, -----	Union City Cooperative Association, Union City	8.50	10.06	9.50
		Average, -----	9.55	10.31	-----
7182	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN. International Horse Feed, -----	Erie Milling & Supply Co., Erie.	14.15	10.08	9.50
7093	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger Blue Top Horse Feed, -----	George W. Engle, Hazleton.	16.27	10.82	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.02	1.00	7.48	10.00	1 55	Corn, oats, alfalfa meal, reground oat feed, pure cane molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	8294
3.59	2.00	11.06	10.00	1 40	Cracked corn, crushed oats, reground oat feed (oat shorts, oat middlings, oat hulls), Burt's cereal food (toasted wheat bran, barley and molasses), pure cane molasses $\frac{1}{2}$ of 1% salt.	Barley not detected, --	8288
3.53	1.50	7.17	12.00	2 00	Corn, oats, alfalfa and cane syrup.	As certified, -----	7976
3.52	1.50	7.77	12.00	1 75	Corn, oats, alfalfa and cane syrup.	As certified, -----	8342
3.35	1.50	8.14	12.00	1 85	Corn, oats, alfalfa and cane syrup.	As certified, -----	8334
3.47	-----	4.62	-----	1 87			
1 74	2.00	12.52	10.00	1 75	Cracked corn, crushed oats, reground oat feed, (oat middlings, oat hulls, oat shorts), middlings, pure cane molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	8304
2.91	4.00	8.96	9.75	1 90	Oats, ground corn, hominy feed, wheat middlings with mill run screenings, linseed oil meal, corn gluten feed, molasses and salt $\frac{1}{2}$ of 1%, oat hulls, oat shorts not over 500 lbs. per ton.	As certified, -----	8080
3.72	4.00	8.11	9.75	40 00	Ground barley, ground corn, hominy feed, linseed oil meal, wheat middlings (with mill run screenings), molasses, salt $\frac{1}{2}$ of 1%, oat hulls and oat shorts not over 500 lbs. per ton.	As certified, -----	7315
3.84	4.00	8.57	9.75	1 80	Ground barley, ground corn, hominy feed, linseed oil meal, wheat middlings (with mill run screenings), molasses, salt $\frac{1}{2}$ of 1%, oat hulls and oat shorts not over 500 lbs. per ton.	As certified, -----	7154
3.79	-----	8.34	-----	38 00			
3.69	3.50	8.71	9.00	2 25	Crushed oats, cracked corn, alfalfa meal, molasses.	Found also small amount small whole weed seeds and salt.	7182
1.93	1.00	13.12	16.00	2 75	Corn, oats, alfalfa meal molasses and salt.	As certified, -----	7028

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7045	Badger Blue Top Horse Feed, -----	Hewes & McNamara, Pottsville.	% 13.25	% 10.56	% 10.00
		Average, -----	14.76	10.69	-----
7046	Badger Cream City Horse Feed, ----	Speacht Brothers, Pottsville.	15.02	10.02	10.00
8336	Badger Crescent Horse Feed No. 4.	Frank Cokesill, Philadelphia.	13.03	8.11	10.00
7471	*Badger Crescent Horse Feed No. 4.	Paxton Flour & Feed Co., Progress.	15.08	6.70	10.00
		Average, -----	14.05	7.41	-----
7906	Badger Pep Horse Feed, -----	Farmers Exehange, Indiana.	14.09	10.33	10.00
7024	*Badger Pul-Mor Horse Feed, -----	George W. Engle, Hazleton.	14.00	8.77	-----
7020	Krause Horse Feed, -----	George W. Engle, Hazleton.	14.43	9.94	10.00
7713	Krause Horse Feed, -----	Perry & Henderson, Connellsville.	9.25	10.75	10.00
		Average, -----	11.84	10.35	-----
7477	Pep Speeal Horse Feed, -----	Walton Brothers, Philadelphia.	15.79	8.66	-----
	LADISH MILLING CO., MILWAUKEE, WIS.				
8311	Reeord Maker Horse Feed, -----	Fayette Feed Co., Fayette City.	14.36	11.07	8.50
7822	*Record Maker Horse Feed, ---	Webb Brothers, Altoona.	11.80	10.81	8.50
		Average, -----	13.68	10.94	-----
8023	True Value Horse Feed, -----	A. F. Grine, Beaver, ----	13.59	10.50	9.00
7442	True Value Horse Feed, -----	George B. Miller, Hollidaysburg.	14.24	10.43	9.00
8614	True Value Horse Feed, -----	E. F. Sphar & Co., Roscoe.	14.48	11.14	9.00
		Average, -----	14.10	10.69	-----
	THE LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO.				
8116	Harteno Horse Feed, -----	J. P. Morrowson, Ellwood City.	12.27	10.63	10.00
8114	Unus Alfalfa Horse & Mule Feed, --	J. P. Morrowson, Ellwood City.	10.91	10.88	9.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921 Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	⁴ / ₁₀₀			
1.75	1.00	15.46	16.00	3 00	Corn, oats, alfalfa meal molasses and salt.	As certified, -----	7045
1.84	-----	14.29	-----	2 88			
1.88	1.50	14.14	14.00	3 00	Corn, oats, alfalfa meal molasses and salt.	As certified, -----	7049
2.14	1.50	9.46	10.00	1 40	Corn, oats, molasses, salt, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), alfalfa meal.	Alfalfa meal not detected.	8336
1.71	1.50	11.41	16.00	2 00	Corn, oats molasses, salt, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), alfalfa meal.	Found also flax plant refuse. Sample damaged by insects.	7471
1.93	-----	10.43	-----	1 70			
3.66	3.00	7.13	10.00	2 50	Corn, oats, alfalfa meal, molasses and salt.	As certified, -----	7906
1.77	1.00	19.80	16.00	2 50	Corn, oats, alfalfa meal, oat meal mill by-products, (oat hulls oat middlings, oat shorts), molasses, salt and flax plant refuse.	As certified, -----	7024
1.73	2.50	9.80	10.00	2 75	Corn, oats, alfalfa meal, molasses and salt.	As certified, -----	7020
3.29	2.50	7.83	10.00	2 25	Corn, oats, alfalfa meal, molasses and salt.	As certified, -----	7713
2.51	-----	8.81	-----	2 50			
2.86	-----	6.96	-----	34 00	Corn, oats, alfalfa meal, cane molasses and oat clippings.	Sample mouldy and damaged.	7477
2.52	2.00	8.76	12.00	2 00	Cracked corn, crushed oats, oat hulls, alfalfa meal, molasses, 1% salt.	As certified, -----	8311
2.29	2.50	13.55	17.00	2 25	Cracked corn, crushed oats, oat hulls, alfalfa meal, molasses, 1% salt.	As certified, -----	7822
2.41	-----	11.15	-----	2 13			
3.00	3.00	8.32	12.00	2 50	Corn, oats, alfalfa meal, molasses and 1% salt.	As certified, -----	8023
2.45	3.00	8.74	12.00	2 25	Corn, oats, molasses, alfalfa, 1% salt.	As certified, -----	7442
3.22	3.70	6.87	12.00	2 25	Corn, oats, alfalfa meal, molasses and 1% salt.	As certified, -----	8314
2.89	-----	7.97	-----	2 33			
4.00	4.25	6.55	7.00	2 70	Oats, corn, bran, molasses and a small quantity of salt.	Wheat bran not detected.	8110
3.68	2.50	9.29	12.50	2 60	Choice green alfalfa meal, cracked corn, rolled oats and molasses.	As certified, -----	8114

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7483	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA. Liberty Horse Feed, -----	H. B. Cassel & Son, Philadelphia.	% 15.28	% 8.23	% 7.00
8350	Red Rose Horse Feed, -----	C. C. Hipple & Son, West Chester.	12.25	10.51	10.00
7481	Red Rose Horse Feed, -----	David McMullin, Jr., Philadelphia.	14.19	9.64	10.00
8286	Red Rose Horse Feed, -----	Woodward & Company, Philadelphia.	12.78	10.03	10.00
		Average, -----	13.07	10.03	-----
7474	Tally-Ho Horse Feed, -----	Walton Brothers, Phila- delphia.	15.88	8.73	7.00
7653	THE McMILLEN CO., FORT WAYNE, IND. Wayne Special Horse Feed, -----	H. J. Klingler & Co., Butler.	12.73	9.66	9.00
8302	Wayne Special Horse Feed, -----	Robert McCracken, Phila- delphia.	14.25	9.73	9.00
		Average, -----	13.49	9.70	-----
7434	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino Horse Feed with Alfalfa, --	Fay Milling Company, Hollidaysburg.	11.51	10.93	9.00
7435	Domino Horse Feed with Alfalfa, --	Fay Milling Company, Hollidaysburg.	12.05	10.13	9.00
		Average, -----	11.78	10.53	-----
8209	Domino Vim-O-Lene Horse Feed, --	C. L. Duglass, Bradford,	14.59	10.34	8.00
7844	Domino Vim-O-Lene Horse Feed, --	Muth Brothers, Elizabeth- town.	14.24	11.39	8.00
		Average, -----	14.41	10.87	-----
8287	OMAHA ALFALFA MILLING CO., OMAHA, NEBR. Perfection Horse Feed, -----	Woodward & Co., Phila- delphia.	12.58	10.07	10.00
8059	THE PARK & POLLARD CO., BOSTON, MASS. & CHICAGO, ILL. Arlington Horse Feed, -----	F. W. Dawson & Son, Williamsport.	12.53	9.72	10.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.90	2.00	7.59	10.00	32 00	Cracked corn, cane molasses, crushed oats, oat meal mill by-product, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7438
4.15	3.00	6.37	14.00	35 00	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	8350
4.30	3.00	6.27	14.00	36 00	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7431
3.46	3.00	6.33	14.00	1 70	Cracked corn, crushed oats, cane molasses, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	3256
3.97	-----	6.32	-----	35 00			
3.49	2.00	6.67	10.00	35 00	Cracked corn, cane molasses, crushed oats, oat meal mill by-product, alfalfa meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7474
3.18	3.00	7.97	10.00	2 00	Rolled corn, rolled oats, alfalfa and molasses.	As certified, -----	7653
3.42	3.00	4.46	10.00	1 50	Rolled corn, rolled oats, alfalfa and molasses.	As certified, -----	8302
3.30	-----	6.21	-----	1 50			
2.02	2.00	12.29	14.00	2 50	Crushed oats, cracked corn, whole oats, ground alfalfa, molasses, salt $\frac{1}{2}$ of 1%.	As certified, -----	7434
1.94	2.50	15.06	14.00	2 50	Corn, crushed oats, whole oats, ground-alfalfa, $\frac{1}{2}$ of 1% salt and molasses.	As certified, -----	7435
1.98	-----	13.67	-----	2 50			
2.62	2.00	6.23	9.00	2 50	Crushed oats, cracked corn, corn feed meal, wheat bran, salt $\frac{1}{2}$ of 1%, molasses.	As certified, -----	8209
4.72	2.00	5.99	9.00	2 35	Crushed oats, cracked corn, corn feed meal, wheat bran, salt $\frac{1}{2}$ of 1%, molasses.	Sample damaged by mould and grain beetles.	7844
3.67	-----	6.11	-----	2 43			
3.22	2.00	4.71	12.00	1 80	Corn, oats, alfalfa meal and molasses.	As certified, -----	8287
3.83	2.50	6.67	11.00	2 75	Cracked corn, crushed oats, alfalfa meal, molasses and $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	8059

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
8248	Arlington Horse Feed, -----	Shamokin Milling Co., Shamokin.	% 15.14	% 9.49	% 10.00
		Average, -----	13.83	9.61	-----
7935	M. C. PETERS MILL CO., OM- AHA, NEBR. Peter's Arab Horse Feed, -----	D. F. Salyards, Pitcairn,	14.31	10.68	10.00
7493	Peter's Arab Horse Feed, -----	Swope Brothers, Johnstown. Average, -----	11.81 13.06	10.33 10.51	10.00 -----
7948	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Emerald Horse Feed, -----	C. Beckert Co., Pitts- burgh.	13.18	10.43	9.00
7969	Emerald Horse Feed, -----	A. Davison Feed Co., McKeesport.	13.40	10.47	9.00
7918	Emerald Horse Feed, -----	Eakin Brothers, Vander- grift.	15.61	10.67	9.00
7974	Emerald Horse Feed, -----	S. B. Floyd & Son, Pittsburgh.	14.47	10.17	9.00
6881	Emerald Horse Feed, -----	J. H. Hersberger & Son, Johnstown.	13.64	9.40	12.00
6888	Emerald Horse Feed, -----	Johnstown Milling Co., Johnstown.	19.74	7.84	9.00
7945	Emerald Horse Feed, -----	C. Kellner & Son, Pitts- burgh.	12.54	11.17	9.00
7986	Emerald Horse Feed, -----	A. H. Klugh, New Ken- sington.	14.48	10.51	9.00
7972	Emerald Horse Feed, -----	R. S. McCague, Pitts- burgh.	14.35	10.59	9.00
7961	Emerald Horse Feed, -----	Miller Brothers, Hays, --	12.10	10.69	9.00
7952	Emerald Horse Feed, -----	George H. Nicklas, Pitts- burgh.	11.88	11.22	9.00
7186	Emerald Horse Feed, -----	John M. Porter, Sharon,	17.20	8.52	9.00
8121	Emerald Horse Feed, -----	Jos. P. Warne & Co., Monongahela.	13.98	11.40	9.00
		Average, -----	14.35	10.24	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.89	3.50	5.75	11.00	2 75	Cracked corn, crushed oats, alfalfa meal, molasses and $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	8248
3.86	-----	6.21	-----	2 75			
2.58	2.00	8.59	15.00	2 25	Corn, alfalfa, oats and molasses.	As certified, -----	7963
2.89	2.00	8.34	15.00	2 35	Corn, alfalfa, oats, molasses.	As certified, -----	7493
2.74	-----	8.46	-----	2 30			
2.45	2.00	10.96	15.00	2 00	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7948
1.85	2.00	11.75	15.00	1 90	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7969
2.17	2.00	10.08	15.00	2 00	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	Found also small amount whole weed seeds.	7911
2.03	2.00	12.08	15.00	1 85	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7974
2.05	2.00	10.73	12.00	2 75	Rolled oats, cracked corn, rolled barley, alfalfa meal and molasses.	Barley not detected, --	6881
2.72	2.00	10.39	12.00	3.25	Rolled oats, cracked corn, rolled barley, alfalfa meal and molasses.	Barley not detected, --	6888
2.33	2.00	11.50	15.00	1 90	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7945
1.87	2.00	11.77	15.00	2 25	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7986
2.10	2.00	11.25	15.00	1 50	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7972
2.21	2.00	10.32	15.00	1 75	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	Found also small amount small whole weed seeds.	7961
1.91	2.00	10.83	15.00	1 95	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	7952
2.22	2.00	11.20	12.00	2 25	Rolled oats, cracked corn, rolled barley, alfalfa meal and molasses.	As certified, -----	7186
2.09	2.00	11.15	15.00	1 90	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	8121
2.15	-----	11.07	-----	2 10			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7882	*Lexington Horse Feed, -----	R. S. Altman, Irwin, ----	% 14.00	% 10.62	% 7.76
7983	*Lexington Horse Feed, -----	B. Linder, New Kensington.	11.98	9.45	7.76
7973	*Lexington Horse Feed, -----	R. S. McCague, Pittsburgh.	11.29	9.43	7.75
		Average, -----	12.42	9.83	-----
7257	THE QUAKER OATS CO., CHICAGO, ILL. *Green Cross Horse Mixed Feed with Molasses.	The Bechtel Co., Monaca,	13.24	10.48	10.00
7407	Green Cross Horse Mixed Feed with Molasses.	Cash Feed & Supply Co., Huntingdon.	13.07	11.53	10.00
7980	*Green Cross Horse Mixed Feed with Molasses.	Fisher & Glean, Tarentum.	11.23	10.57	10.00
7046	*Green Cross Horse Mixed Feed with Molasses.	Hewes & McNamara, Pottsville.	14.22	11.51	10.00
8068	Green Cross Horse Mixed Feed with Molasses.	F. W. Hutchison, New Castle.	11.77	11.97	10.00
8047	*Green Cross Horse Mixed Feed with Molasses.	King Feed Company, Williamsport.	13.93	11.37	10.00
7910	*Green Cross Horse Mixed Feed with Molasses.	Linus M. Lewis, Indiana,	15.55	9.70	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
2.61	2.00	10.67	20.00	1 75	Crimped oats, cracked corn, crimped barley screenings, alfalfa meal, oat shorts, oat feed and molasses.	As certified, -----	7882
2.36	2.00	12.77	20.00	2 00	Crimped oats, cracked corn, crimped barley screenings, alfalfa meal, oat shorts, oat feed and molasses.	Found also small amount small whole weed seed.	7983
2.43	2.00	12.50	20.00	1.85	Cracked corn, crimped barley screenings, alfalfa meal, oat shorts, oat feed and molasses.	Found also small amount small whole weed seeds, Oat feed included oat middlings and oat hulls	7973
2.47	-----	11.98	-----	1.70			
2.15	2.50	11.56	10.50	2.25	Alfalfa meal, ground corn, crushed oats molasses, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7357
1.90	2.50	11.02	12.00	2.50	Alfalfa meal, ground corn, crushed oats, molasses, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7467
2.31	2.50	9.77	13.50	2 25	Alfalfa meal, ground corn, crushed oats, molasses, cottonseed meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7980
2.18	2.50	10.19	13.50	3 00	Alfalfa meal, ground corn, crushed oat molasses, cottonseed meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7046
2.41	2.50	9.82	12.00	1 90	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, oat middlings, oat hulls, oat shorts, $\frac{1}{2}$ of 1% salt.	As certified, -----	8068
2.24	2.50	9.74	13.50	2 50	Crushed oats, molasses, cottonseed meal, ground corn, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	8047
2.19	2.50	9.24	13.50	2 50	Crushed oats, molasses, cottonseed meal, ground corn, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	7910

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
7568	*Green Cross Horse Mixed Feed with Molasses.	Mahoning Valley Milling Co., Punxsutawney.	% 13.28	% 10.89	% 10.00
7706	*Green Cross Horse Mixed Feed with Molasses.	F. E. Painter, Mt. Pleasant.	14.38	11.68	10.00
7245	*Green Cross Horse Mixed Feed with Molasses.	Rochester Seed & Supply Co., Rochester.	15.51	10.36	10.00
8187	*Green Cross Horse Mixed Feed with Molasses.	A. C. Snyder & Son, Clarion.	11.45	9.95	10.00
7479	Green Cross Horse Mixed Feed with Molasses.	Walton Brothers, Philadelphia.	13.13	10.16	10.00
		Average, -----	13.39	10.85	-----
7942	Sugared Schumaecher Feed, -----	William Fischer's Sons, Pittsburgh.	8.35	9.99	10.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
8245	Purina Feed With Molasses, -----	M. M. DeCoursey & Co., Antes Fort.	16.26	8.92	9.30
7029	Purina Feed With Molasses, -----	George W. Engle, Hazleton.	15.27	9.32	9.30
7428	Purina Feed With Molasses, -----	Huntingdon Milling Co., Huntingdon.	14.31	9.33	9.30
		Average, -----	15.28	9.19	-----
8034	Purina-O-Moline Feed, -----	J. E. Beegie, New Brighton.	14.08	9.78	9.70

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.51	2.50	10.82	13.50	2 35	Alfalfa meal, ground corn, crushed oats, molasses, cottonseed meal, oat meal mill by-product, oat middlings, oat shorts, oat hulls, $\frac{1}{2}$ of 1% salt.	As certified, -----	7568
2.05	2.50	10.03	13.50	2 25	Alfalfa meal, ground corn, crushed oats, molasses, cottonseed meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{1}{2}$ of 1% salt.	As certified, -----	7706
1.94	2.50	11.10	13.50	2 25	Alfalfa meal, ground corn, crushed oats, molasses, cottonseed meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{1}{2}$ of 1% salt.	As certified, -----	7245
2.95	2.50	11.75	13.50	2 40	Alfalfa meal, ground corn, crushed oats, molasses, cottonseed meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{1}{2}$ of 1% salt.	As certified, -----	8187
2.28	2.50	11.57	12.00	35 60	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts,) $\frac{3}{4}$ of 1% salt.	As certified, -----	7479
2.26	-----	10.55	-----	46 50			
3.99	3.25	10.86	12.00	1 75	Ground corn, hominy feed, yellow hominy feed, ground barley, molasses, cottonseed meal, O. P. linseed oil meal, low grade wheat flour, wheat bran, wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	7942
2.69	1.70	7.12	13.00	2 75	Oats, ground alfalfa, molasses and 1% salt.	As certified, -----	8245
2.18	1.70	10.04	13.00	2 75	Cracked corn, oats, ground alfalfa, molasses and 1% salt.	As certified, -----	7029
2.13	1.70	10.65	13.00	2 40	Cracked corn, oats, ground alfalfa, molasses and 1% salt.	As certified, -----	7428
2.33	-----	9.27	-----	2 63			
3.33	2.20	7.37	8.00	2 40	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	As certified, -----	8034

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7862	Purina-O-Moline Feed, -----	O. S. Ebersole & Co., Penbrook.	13.89	10.15	9.70
8201	Purina-O-Moline Feed, -----	L. A. Fischer & Co., Bradford.	12.16	9.88	9.70
8281	Purina-O-Moline Feed, -----	Goss Supply Co., Lewis- town.	16.08	9.83	9.70
7427	Purina-O-Moline Feed, -----	Huntingdon Milling Co., Huntingdon.	12.87	9.55	9.70
7937	Purina-O-Moline Feed, -----	Knabe Brothers, Turtle Creek.	12.16	9.81	9.70
8144	Purina-O-Moline Feed, -----	Linesville Milling Co., Linesville.	13.76	9.80	9.10
7480	Purina-O-Moline Feed, -----	David McMullin, Jr., Philadelphia.	14.34	9.41	9.70
7555	Purina-O-Moline Feed, -----	J. T. Murphy, Clearfield,	16.13	9.51	9.70
8308	Purina-O-Moline Feed, -----	Max Supowitz, Philadel- phia.	13.18	11.53	9.70
7995	Purina-O-Moline Feed, -----	Washington Grain & Feed Co., Washington.	14.35	9.87	9.70
7884	Purina-O-Moline Feed, -----	T. F. Wilson, Irwin, ---	13.65	9.61	8.10
		Average, -----	13.88	9.90	-----
	ROSENBAUM BROTHERS, CHICA- GO, ILL.				
8019	Rosebro Horse Feed, -----	A. H. Sunshine Co., Pittsburgh.	13.64	10.59	10.00
7997	Vitality Horse Feed, -----	Waynesburg Milling Co., Waynesburg.	14.21	9.86	10.00
	SHAMROCK MILLS, ST. LOUIS, MO.				
8071	Shamrock Premium Feed, -----	John S. Brown & Sons, New Castle.	14.75	10.46	9.50
	THE SHEETS ELEVATOR CO., CLEVELAND, OHIO.				
7168	Diamond Horse Feed, -----	Nickel Plate Flour Mills, Erie.	13.59	9.11	9.50
7246	Diamond Horse Feed, -----	Rochester Seed & Supply Co., Rochester.	14.56	8.84	8.50
		Average, -----	14.07	8.98	-----
7561	S. B. Alfalfa Feed, -----	Kline's Sifter Mills, Brookville.	19.14	10.13	10.00
7766	S. B. Alfalfa Feed, -----	A. T. Stutzman & Son, Johnstown.	13.79	10.57	10.00
		Average, -----	16.46	10.35	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 3.38	% 3.20	% 8.74	% 8.00	\$ 50	Cracked corn, oats, ground alfalfa, molasses and 1% salt.	As certified, -----	7862
3.72	3.20	7.66	8.00	2 25	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	As certified, -----	8201
3.59	3.20	5.90	8.00	2 25	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	As certified, -----	8281
4.02	3.20	7.61	8.00	2 75	Cracked corn, oats, ground alfalfa, molasses and 1% salt.	As certified, -----	7427
3.51	3.20	7.87	8.00	-----	Cracked corn, crushed oats, ground alfalfa, molasses, 1% salt.	As certified, -----	7937
3.59	2.20	8.16	8.00	2 25	Cracked corn, oats, ground alfalfa, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	8144
4.27	3.20	7.21	8.00	43 00	Cracked corn, oats, ground alfalfa, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	7480
3.68	3.20	7.53	8.00	2 50	Cracked corn, oats, ground alfalfa, molasses and $\frac{1}{2}$ of 1% salt.	As certified, -----	7555
3.64	3.20	6.22	9.00	2 10	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	As certified, -----	8308
3.57	3.20	7.31	8.00	2 50	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	As certified, -----	7995
3.29	3.20	7.41	8.00	2 20	Cracked corn, oats, ground alfalfa, molasses, 1% salt.	As certified, -----	7884
3.63	-----	7.41	-----	47 00			
3.92	2.00	5.52	15.00	2 25	Sifted cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Barley not detected,--	8019
3.02	2.00	7.22	15.00	1 90	Sifted cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Barley not detected,--	7997
2.72	3.25	5.62	7.50	2 25	Whole oats crushed, alfalfa meal, wheat bran, molasses and cracked corn.	As certified, -----	8071
3.78	3.75	7.15	10.00	2 10	Corn, oats, oat middlings, oat feed, molasses.	As certified, -----	7168
3.29	3.75	7.93	9.00	2 25	Corn, oats, oat feed, molasses.	Found also barley. Oat feed included oat middlings and oat hulls.	7246
3.54	-----	7.54	-----	2.18			
2.13	2.50	10.66	14.50	2 10	Oats, corn, alfalfa meal and molasses.	As certified, -----	7561
2.47	2.50	12.98	14.50	2 25	Oats, corn, alfalfa meal and molasses.	As certified, -----	7706
2.30	-----	11.82	-----	3 18			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8084	S. B. Horse and Mule Feed, -----	Frank Day, Wheatland,	% 12.37	% 9.83	% 9.50
8316	S. B. Horse and Mule Feed, -----	J. Allen Williams, California.	15.10	10.24	9.50
		Average, -----	13.73	10.04	-----
7953	JESSE C. STEWART CO., PITTSBURGH, PA. Red Letter Brand Alfalfa Horse Feed.	J. M. Brown & Co., Pittsburgh.	12.35	8.80	9.00
7965	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's Invincible Alfalfa Feed, ----	Keystone Commercial Co., McKeesport.	10.90	10.02	10.00
7897	TRIANGLE MILLING CO., KANSAS CITY, MO. Angle Horse & Mule Feed, -----	C. J. Cleland, Wilkesburg.	13.73	10.70	9.00
7476	WALTON BROTHERS, PHILADELPHIA, PA. W. B. Special Horse Feed, -----	Walton Brothers, Philadelphia.	15.04	8.31	10.00
7927	WESTERN FEED MANUFACTURERS, INC., CHICAGO, ILL. *Plentegrain Horse Feed, -----	George J. New's Sons, Blairsville.	16.75	8.74	10.00
7960	*Plentegrain Horse Feed, -----	F. W. Scott, Hays, ----	11.65	8.80	10.00
		Average, -----	14.20	8.77	-----
	PROPRIETARY CALF MEAL.				
7515	BROWN & FASSETT, TUNKHANNOCK, PA. B. & F. Calf Meal, -----	Brown & Fassett, Tunkhannock.	9.63	30.31	28.00
7220	CLOVER LEAF MILLING CO., BUFFALO, N. Y. Clover Leaf Mills Calf Meal, -----	Juniata Feed & Flour Co., Tyrone.	8.95	25.94	25.00
7598	FARMERS' CO-OPERATIVE UNION, WELLSBORO, PA. Farm Bureau Calf Meal A Feed for Growing Calves or Pigs.	Farmers' Co-operative Union, Wellsboro.	10.90	36.56	36.00
6947	FLORY MILLING CO., INC., BANGOR, PA. Globe Calf Food, -----	Flory Milling Co., Inc., Bangor.	10.05	17.13	18-19

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.79	3.75	6.69	9.50	2 15	Oats, corn, sugar molasses.	As certified, -----	8084
3.99	3.75	16.02	9.50	2 25	Pure oats, corn and molasses.	As certified, -----	8316
4.39	-----	8.35	-----	2.20			
2.24	0.50	8.88	14.00	1 80	Corn, oats, alfalfa and molasses.	As certified, -----	7953
3.10	2.00	7.86	12.00	2 25	Corn, oats, alfalfa meal and molasses.	As certified, -----	7965
2.05	1.50	10.94	10.00	2 00	Cracked, shelled corn, ground oats, alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	7897
2.12	1.50	10.94	10.00	29 00	Corn, oats, molasses, salt, oat meal mill by-product, (oat hulls oat shorts, oat middlings), alfalfa meal.	Found also flax plant refuse small amount of ground grain screenings and small amount whole weed seeds.	7476
2.00	2.00	8.69	15.00	2 00	Alfalfa meal, cracked corn, rolled oats, rolled barley, not over 10% oat middlings, oat shorts, oat hulls and molasses.	As certified, -----	7927
2.27	2.00	9.18	15.00	1 85	Alfalfa meal, cracked corn, rolled oats, rolled barley, not over 10% oat middlings, oat shorts, oat hulls and molasses.	As certified, -----	7960
2.14	-----	8.93	-----	1 93			
4.98	5.00	4.16	8.00	4 00	Blood meal, red dog, hominy, oil cake meal, charcoal and salt.	Oil cake meal identified as linseed oil meal.	7515
5.45	5.00	5.97	7.00	5 00	Wheat flour, linseed oil meal, cottonseed meal, pulverized malt flour, oat meal, powdered milk and $\frac{1}{2}$ of 1% salt.	As certified, -----	7220
3.95	5.24	3.50	3.25	4 00	Soluble blood flour, O. P. oil meal, red-dog flour and hominy feed.	As certified, -----	7598
4.53	5-10	5.60	3.53	5 40	Blood meal, bone meal, corn meal, oil meal, lowgrade flour, middlings and bran, oats and meal.	As certified, -----	6947

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7038	MAUSER MILL CO., ALLEN-TOWN, PA. Mauser's Calf Meal, -----	Mauser Mill Co., Hazleton.	% 10.92	% 33.56	% 37.00
7774	THE QUAKER OATS CO., CHICAGO, ILL. Schumacher Calf Meal, -----	H. C. Beerits' Sons, Somerset.	8.90	21.19	18.00
8217	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Calf Chow, -----	Port Allegany Milling Co., Port Allegany.	10.72	26.19	27.00
7495	TIOGA MILL & ELEVATOR CO., WAVERIL, N. Y. Ti-O-Ga Calf Food, -----	C. B. Tyler, Tunkhannock.	8.88	25.13	21.00
6876	PROPRIETARY SWINE FEED. J. B. ANDERSON & SON, SHICKSHINNY, PA. Bullygood Hog Meal, -----	J. B. Anderson & Son, Shickshinny.	10.00	17.38	-----
7825	ARCADY FARMS MILLING CO., CHICAGO, ILL. Arcady Hog Meal, -----	Leibovitz Feed Mills, Altoona.	8.42	19.50	18.00
7119	CHAS. F. BARTLETT CO., GRAND RAPIDS, MICH. *Economy Special Hog Feed, -----	Keystone Cash Feed Store, Warren.	8.65	14.44	12.50
7514	BROWN & FASSETT, TUNKHANNOCK, PA. B. & F. Hog Ration, -----	Brown & Fassett, Tunkhannock.	10.16	17.38	17.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.35	3.00	2.77	3.50	6 00	Linseed meal, low grade flour, corn meal and blood meal.	As certified, -----	7038
8.70	8.00	2.44	4.00	3 00	Oat meal, wheat meal, ground flaxseed, milk albumen, O. P. linseed oil meal, $\frac{1}{2}$ of 1% bicarbonate of soda.	As certified, -----	7774
3.73	3.20	3.34	4.50	5 00	Blood flour, linseed meal hominy feed, yellow corn feed meal, wheat flour, 1% salt.	As certified, -----	8217
5.86	4.00	5.92	7.00	5 00	Old process linseed oil meal, bone meal, wheat middlings, blood meal, coconut oil meal, sifted oat meal cane molasses, cottonseed meal, phosphate lime, salt.	Coconut oil meal not detected.	7495
3.95	-----	7.33	-----	3 45	Hog bon, tankage, charcoal, oil meal, gluten, ground oats, corn meal, wheat bran Schumacher Feed, wheat standard middlings and $\frac{1}{2}$ of 1% salt.	Found also as supplied by Schumacher Feed and Hog Bon, hominy feed, yellow hominy feed ground barley, oat meal mill by-product (oat middlings, oat hulls) ground pulfed rice and wheat and calcium phosphate.	6370
6.11	4.50	7.83	7.50	2 50	Corn oil cake meal, linseed oil meal, molasses, digester tankage, wheat middlings, corn feed meal, $\frac{1}{2}$ of 1% salt, cleaned, ground and bolted wheat screenings.	Found also small amount small whole weed seeds.	7825
4.23	6.00	20.42	13.00	2 50	Old process linseed oil meal, rice bran, winter wheat bran, winter wheat middlings, digester tankage, oat shorts, oat middlings oat hulls, cotton seed meal and hominy.	Found also large amount rice hulls and ground grain screenings.	7119
4.82	5.00	4.11	8.00	2 40	Corn meal, ground oats, oil meal, hominy, white middlings, tankage, charcoal and salt.	Found also small amount ground grain screenings.	7514

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein	
				Found.	Guaranteed.
			%	%	%
8031	THE BUCKEYE CEREAL CO., MASSILLON, OHIO. Buckeye Hog Feed, -----	Peter Shaffer & Son, New Brighton.	11.85	16.54	18.00
6882	CHAPIN & CO., HAMMOND, IND. Bicorn Hog Feed, -----	J. H. Hershberger & Son, Johnstown.	9.25	16.50	17.50
8131	Bicorn Hog Feed, -----	Mercatous & McCullough, Meadville.	9.02	17.38	17.50
7190	Bicorn Hog Feed, -----	John M. Porter, Sharon,	10.63	17.75	17.50
		Average, -----	9.64	17.21	-----
7224	CLOVER LEAF MILLING CO., BUFFALO, N. Y. Clover Leaf Mills Hog Meal, -----	Juniata Feed & Flour Co., Tyrone.	12.14	18.42	18.00
8233	CORN PRODUCTS REFINING CO., NEW YORK, N. Y. Diamond Hog Meal, -----	F. H. Dyer, Lock Haven.	10.38	25.56	18.00
8332	Diamond Hog Meal, -----	J. C. Fulton & Co., Burgettstown.	9.85	23.17	18.00
8083	Diamond Hog Meal, -----	J. B. Roux, Farrell, ---	10.62	23.25	18.00
		Average, -----	10.28	23.99	-----
7317	THE CORNO MILLS CO., ST. LOUIS, MO. Corno Hog Feed, -----	The Lancaster County Farmers' Supply Co., Inc., Lancaster.	9.01	17.19	18.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.79	4.00	5.59	8.00	2 25	Wheat middlings, hominy feed, alfalfa meal, gluten feed, linseed meal, cocoanut oil meal, tankage, salt and molasses.	Found also malt sprouts and ground Kaffir corn.	8031
4.11	4.00	4.74	6.00	3 50	Corn feed meal, flour from wheat, corn, rice and buckwheat, corn germ meal, wheat middlings, barley, digester tankage, linseed meal, corn gluten feed, oats, bone meal, starch mill corn solubles with calcium salts and salt, Kaffir meal.	As certified, -----	6882
4.73	4.00	3.25	6.00	2 40	Digester tankage, peanut oil meal, wheat flour, linseed meal, hominy meal, wheat middlings, corn germ meal, barley, oats, bone meal, starch mill corn solubles with calcium salts and salt.	Corn germ meal not detected. Found also corn feed meal.	8131
3.88	4.00	3.69	6.00	2 50	Corn feed meal, corn germ meal, corn gluten feed, barley, digester tankage, wheat middlings, wheat flour, linseed meal, oats, bone meal, starch mill corn solubles with calcium salts, salt.	As certified, -----	7190
4.24	-----	3.89	-----	2 80			
6.09	5.00	8.68	10.00	3 00	Wheat middlings, digester tankage, corn germ meal, pure old process linseed meal, corn feed meal, ground wheat screenings, molasses and $\frac{1}{2}$ of 1% salt.	Found also corn gluten feed and small amount small whole weed seeds.	7224
7.01	7.00	8.22	13.00	2 50	Corn oil cake meal.	As certified, -----	8233
7.66	7.00	7.80	12.00	2 25	Corn oil cake meal.	As certified, -----	8332
7.13	7.00	8.22	13.00	2 35	Corn oil cake meal.	As certified, -----	8083
7.27	-----	8.08	-----	2 37			
7.36	6.50	8.48	9.00	42 00	Wheat shorts (middlings), cottonseed meal, digester tankage, hominy feed and rice polish.	Found also small amount rice hulls	7317

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7933	THE ALBERT DICKINSON CO., CHICAGO, ILL. Globe Hog Feed, -----	Routh & Co., Wilmerding.	11.00	15.31	15.00
7833	Rival Hog Feed, -----	R. J. Remaley, Juniata,	9.65	15.25	12.50
6962	EDGAR-MORGAN CO., MEMPHIS, TENN. Happy Hog Feed, -----	Easton Mercantile Co., Easton.	7.35	23.44	18.00
7348	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Hog Meal, -----	John W. Eshelman & Sons, Lancaster.	8.56	16.15	16.00
7467	Eshelman's Hog Meal, -----	S. A. Fishburn, Paxtonia.	10.47	18.00	16.00
7077	Eshelman's Hog Meal, -----	Paxton Flour & Feed Co., Harrisburg.	10.45	16.25	16.00
		Average, -----	9.82	16.80	-----
7596	FARMERS' CO-OPERATIVE UNION, WELLSBORO, PA. Mixed Feed For Pigs or Calves, ----	Farmers' Co-Operative Union, Wellsboro.	10.66	17.13	18.63
7939	GOLDEN GRAIN MILLING CO., EAST ST. LOUIS, ILL. Fat Back Hog Feed, -----	Scobie & Parker Co., Pittsburgh.	10.34	17.91	18.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	%			
3.44	5.50	4.29	6.00	2 50	Tankage, corn oil cake meal, standard middlings, red dog flour, corn feed meal, ground barley, 2½% fine ground alfalfa meal, 1% bone charcoal, ½ of 1% salt.	Charcoal and corn oil cake meal not detected.	7933
3.95	3.00	8.94	12.50	2 10	Linseed oil meal, corn feed meal, alfalfa meal, ground screenings from wheat, oats barley, Kaffir corn and salt.	As certified, -----	7833
6.83	5.00	10.29	15.00	50 00	Velvet bean feed, coconut meal, corn feed meal, tankage, alfalfa leaves, 1% charcoal, 1% calcium phosphate.	Velvet bean feed not detected. Found also linseed oil meal, wheat bran and middlings, rice bran, trace of rice hulls, peanut oil meal and small amount peanut hulls.	6962
6.13	5.00	5.88	4.50	38 00	Ten per cent. digester tankage, corn feed meal, ground rye, wheat middlings, ground grain screenings, charcoal, ground barley.	Found also linseed oil meal.	7348
5.03	5.00	5.30	6.00	2 20	Ten per cent. digester tankage, corn feed meal, wheat middlings, wheat bran, hominy feed, old process oil meal, charcoal.	As certified, -----	7467
6.55	5.00	7.05	4.50	2 60	Ten per cent. digester tankage, corn feed meal, ground rye, wheat middlings, charcoal, ground grain screenings, ground barley.	Rye and barley not detected. Found also old process linseed oil meal.	7077
5.90	-----	6.07	-----	44 07			
4.84	6.45	5.56	6.00	2 00	Wheat midds, red-dog flour, O. P. oil meal, ground oats and hominy feed.	Found also corn feed meal and charcoal.	7596
4.25	4.00	7.99	15.00	3 00	Wheat middlings, rye middlings, digester tankage, corn feed meal, alfalfa leaf meal, linseed oil meal, corn oil cake meal, ground wheat screenings and molasses.	Found also ground Kaffir corn.	7939

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
6899	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Hog Feed, -----	H. J. Klinger & Co., Butler.	8.35	18.56	18.00
7650	Grandin's Hog Feed, -----	H. J. Klinger & Co., Butler.	8.76	20.13	18.00
		Average, -----	8.55	19.35	-----
7876	HALES & HUNTER CO., CHICA- GO, ILL. *Pioneer Hog Feed, -----	Keystone Supply Co., Jeannette.	9.30	16.75	16.00
7700	Pioneer Hog Feed, -----	McFarland Supply Co., Greensburg.	11.52	16.88	16.00
		Average, -----	10.41	16.82	-----
7714	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger Hog Feed, -----	Perry & Henderson, Connellsville.	8.95	18.06	16.00
7921	Homohog Feed, -----	L. Todd Owens, Apollo,	9.10	11.88	13.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.13	4.00	6.38	10.00	3 55	Corn meal, ground oats, ground barley, ground buckwheat, cocoanut meal, linseed oil meal, alfalfa meal calcium carbonate, hominy feed, fish, meat, bone, wheat middlings and small percentage of salt. Wheat middlings may contain ground screenings not exceeding mill run.	Found also wheat bran.	6896
4.39	4.00	6.51	10.00	2 00	Alfalfa meal, corn meal, ground oats, ground barley, ground buckwheat, cocoanut meal, linseed oil meal, calcium carbonate, hominy feed, fish, meat, bone, wheat middlings a small percentage of salt. Wheat middlings may contain ground screenings not exceeding mill run.	As certified, -----	7650
4.76	-----	6.44	-----	2 78			
4.62	4.00	6.47	8.00	2 75	Corn feed meal, wheat middlings, ground oats, ground barley, wheat flour middlings linseed oil meal, wheat barley, and Kaffir corn screenings, digester tankage, dried buttermilk, humus and salt.	Found also brewers' dried grains and malt sprouts.	7876
4.84	1.00	7.84	8.00	2 50	Corn feed meal, wheat middlings, ground oats, ground barley, wheat flour middlings, linseed oil meal, wheat, barley and Kaffir corn screenings, digester tankage, dried buttermilk, lime and salt.	Found also hominy feed, malt sprouts, ground grain screenings and trace small whole weed seeds.	7700
4.73	-----	7.15	-----	2 63			
6.09	4.25	4.56	5.00	2 00	Badger hominy feed, Badger corn germ meal, Badger corn red dog, tankage, linseed oil meal, wheat grain screenings not exceeding mill run middlings with ground and salt.	Found also ground Kaffir corn.	7714
6.36	6.00	4.49	4.50	2 25	Badger hominy feed, white or yellow corn, reddog flour, corn germ meal, tankage and salt.	As certified, -----	7921

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7563	LADISH MILLING CO., MILWAU- KEE, WIS. True Value Hog Feed, -----	Fales Grocery Co., Reynoldsville.	9.99	17.38	16.00
7820	THE LAROWE MILLING CO., DETROIT, MICH. Larowe Hog Feed, -----	J. E. Cressman, South Fork.	9.12	23.25	18.00
7608	Larowe Hog Feed, -----	Farmers' Feed Store, Wellsboro.	9.06	19.81	18.00
8142	Larowe Hog Feed, -----	Venango Milling Co., Saegertown.	8.22	21.63	18.00
		Average, -----	8.80	21.56	-----
7036	MAUSER MILL CO., ALLEN- TOWN, PA. Mauser's Hog Growing Ration, ---	Mauser Mill Co., Hazle- ton.	9.30	18.63	18.00
6895	THE PARK & POLLARD CO. OF ILLINOIS, CHICAGO, ILL. Go Tu It Hog Ration, -----	H. J. Klingler & Co., Butler.	8.12	19.88	18.00
7644	Go Tu It Hog Ration, -----	H. J. Klingler & Co., Butler.	7.91	19.88	18.00
		Average. -----	8.01	19.88	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.23	4.90	7.96	10.00	2 75	Ground corn meal, wheat middlings with ground screenings not exceeding mill run, alfalfa meal, copra meal, (cocoanut oil meal), tankage, ground oats and salt.	As certified, -----	7563
7.16	5.00	7.33	10.00	2 75	Corn germ meal, O. P. linseed oil meal, hominy feed, meat meal, wheat middlings, wheat bran, dried beet pulp, $\frac{1}{2}$ of 1% salt.	Found also small amount ground grain screenings.	7820
7.07	5.00	9.06	10.00	2 75	Corn germ meal, old process linseed oil meal, hominy feed, meat meal, wheat middlings, wheat bran dried beet pulp, $\frac{1}{2}$ of 1% salt.	Found also small amount ground grain screenings.	7608
5.85	5.00	7.17	10.00	2 40	Corn germ meal, old process linseed oil meal, hominy feed, meat meal, wheat middlings, wheat bran dried beet pulp, $\frac{1}{2}$ of 1% salt.	Corn germ meal not detected. Found also corn gluten feed, tankage and small amount ground grain screenings.	8142
6.69	-----	7.85	-----	2 63			
3.95	3.50	5.77	5.50	4 25	Ground barley, red middlings (with screenings not exceeding mill run), ground corn, tankage.	Found also wheat bran and oats.	7036
5.67	6.00	10.72	10.00	3 55	Cocoanut oil meal, peanut oil meal, O. P. linseed oil meal, alfalfa meal, hominy meal, oat middlings, oat hulls, oat shorts, fish, meat, bone, corn meal, wheat midds, calcium carbonate, calcium phosphate and salt.	As certified, -----	6895
5.00	5.00	10.07	10.00	2 15	Cocoanut oil meal, peanut oil meal, old process oil meal, alfalfa meal, hominy meal, oat middlings, oat hulls, oat shorts, fish, meat, bone, corn meal, wheat middlings, calcium carbonate, calcium phosphate, salt.	"Meat" identified as tankage. Found also oats, barley and small amount ground grain screenings.	7644
5.34	-----	10.39	-----	2 85			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7308	THE PROTECTOR SALES CO., OMAHA, NEBR. Ton-Gors Powdered Buttermilk Hog Builder.	Sprecher & Ganss, Lan- caster.	8.23	20.27	18.02
7306	Ton-Gors Powdered Buttermilk Hog Builder.	West Willow Farmers' Association, Inc., West Willow.	9.38	20.31	18.02
		Average, -----	8.80	10.29	-----
7864	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Pig Chow, -----	O. S. Ebersole & Co., Penbrook.	12.55	16.00	15.00
8282	Purina Pig Chow, -----	Goss Supply Co., Lewis- town.	14.70	16.88	15.00
7556	Purina Pig Chow, -----	J. T. Murphy, Clearfield.	14.89	17.42	15.00
8216	Purina Pig Chow, -----	Port Allegany Milling Co., Port Allegany.	10.80	15.99	15.00
8063	Purina Pig Chow, -----	Shane Brothers, Roches- ter.	11.48	16.06	15.00
7885	Purina Pig Chow, -----	T. F. Wilson, Irwin, ---	13.73	16.12	15.00
		Average, -----	13.04	16.41	-----

Excluded from average.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.65	3.70	1.16	2.00	-----	Powdered buttermilk, precipitated bone, lime phosphate, soda bicarbonate, salt 1% rye, wheat and barley flour.	Powdered buttermilk bone meal, rye wheat and barley flour, soda bicarbonate and 1% salt.	7308
5.46	5.05	1.03	1.40	per lb. + 11c	Powdered buttermilk, precipitated bone, lime phosphate, soda bicarbonate, rye, wheat and barley, gluten, 1% salt.	Powdered buttermilk, bone meal, rye, wheat and barley flour soda bicarbonate and 1% salt.	7306
4.56	-----	1.09	-----	-----			
3.20	2.50	6.55	9.00	2 75	Hominy feed, cane molasses, corn meal, gluten feed from corn, digester tankage, linseed oil meal (old process), ground alfalfa, charcoal, 1% salt.	As certified, -----	7894
2.86	2.50	5.05	9.90	2 40	Hominy feed, cane molasses, corn meal, gluten feed from corn, digester tankage, linseed oil meal (old process), ground alfalfa, charcoal, 1% salt.	As certified, -----	8282
3.36	2.50	6.65	9.00	2 75	Hominy feed, cane molasses, corn meal, gluten feed from corn, digester tankage, linseed oil meal (old process), ground alfalfa, charcoal, 1% salt.	As certified, -----	7556
2.83	2.50	6.11	9.90	2 75	Hominy feed, cane molasses, corn meal, gluten feed from corn, digester tankage, linseed oil meal (old process), ground alfalfa, charcoal, 1% salt.	As certified, -----	8216
3.59	2.50	5.27	9.00	2 50	Hominy feed, cane molasses, gluten feed from corn, corn meal digester tankage, linseed oil meal, (O. P.), alfalfa, charcoal 1% salt.	As certified, -----	8063
3.08	2.50	5.45	9.00	3 00	(made from humus). Hominy feed, cane molasses, gluten feed from corn, corn meal digester tankage, linseed oil meal, (O. P.), alfalfa, charcoal (made from humus), 1% salt.	As certified, -----	7885
3.17	-----	5.84	-----	2 69			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Found.
8279	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA. Mt. Rock Hog Feed, -----	Spanogle-Yeager Milling Co., Lewistown.	% 11.15	% 11.56	% -----
7662	THOMPSON & GLENN, BUTLER, PA. Perfection Hog Feed, -----	Thompson & Glenn, Butler.	11.19	23.37	22.50
8158	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y. Ti-O-Ga Growing Shoat Feed, -----	Rice & Jones, Lebanon,	8.25	17.88	15.00
7858	THE UBIKO MILLING CO., CINCINNATI, OHIO. Pigmeal, -----	J. B. Curry Estate, Swatara.	10.32	19.63	18.00
	PROPRIETARY AND MISCELLANEOUS CHOP FEED. CORN CHOP.				
7533	ANDRE & SWEET, MONTROSE, PA. Pure Corn Meal, -----	Andre & Sweet, Montrose.	11.60	9.00	-----
7141	CORRY MILLING & SUPPLY CO., INC., CORRY, PA. Corn Meal, -----	Corry Milling & Supply Co., Inc., Corry.	15.22	8.81	-----
7607	ROY J. DUNHAM, WELLSBORO, PA. Corn Meal, -----	Roy J. Dunham, Wellsboro.	12.28	9.25	-----
7294	ELIZABETHTOWN ROLLER MILLS, ELIZABETHTOWN, PA. Corn Chop, -----	Elizabethtown Roller Mills, Elizabethtown.	12.41	9.06	-----
7733	FARMERS' CO-OPERATIVE MERCANTILE CO., SKINNERS EDDY, PA. Corn Meal, -----	Farmers' Co-Operative Mercantile Co., Skimmers Eddy.	11.42	8.63	-----
7789	F. H. HAGERMAN, TOWANDA, PA. Corn Meal, -----	F. H. Hagerman, Towanda.	11.60	9.06	-----
7132	HAMMOND ELEVATOR CO., CORRY, PA. Corn Meal, -----	Hammond Elevator Co., Corry.	15.05	9.38	-----
7043	HEWES & MCNAMARA, POTTSVILLE, PA. Corn Chop, -----	Hewes & McNamara, Pottsville.	11.97	9.44	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.72	-----	3.42	-----	1 70	Corn, corn feed meal, oats, oil meal, cottonseed meal, corn gluten feed and alfalfa meal.	Alfalfa meal and corn gluten feed not detected. Found also barley.	8279
5.11	5.00	10.31	12.00	2 10	Old process oil meal, tankage, molasses, grain middlings, charcoal, salt.	"Grain middlings" identified as ground grain screenings.	7662
5.20	3.50	6.75	8.00	2 20	Corn gluten feed, old process linseed oil meal, phosphate of lime, wheat middlings, hominy feed, corn feed meal, wheat bran, barley, cocoanut oil meal, molasses.	Found also small amount ground grain screenings.	8153
5.52	5.00	6.86	8.00	2 80	Digester tankage, hominy meal, wheat middlings, cocoanut oil meal, corn germ meal O. P. linseed meal, rye middlings and salt	Corn germ meal not detected. Found also corn gluten feed.	7858
4.04	-----	1.82	-----	1 70	Pure corn.	As certified, -----	7533
2.13	-----	0.51	-----	1 75	Made from pure corn.	Sample mouldy and damaged.	7141
4.08	-----	2.10	-----	1 90	Pure corn.	As certified, -----	7607
4.38	-----	2.09	-----	1 55	Made from pure corn.	As certified, -----	7294
3.72	-----	2.69	-----	1 80	Made from pure corn.	As certified, -----	7755
3.64	-----	3.56	-----	1 70	Made from pure corn.	As certified, -----	7789
2.86	-----	1.97	-----	1 75	Made from pure corn.	Sample mouldy and damaged.	7132
4.62	-----	2.36	-----	2 50	Made from pure corn.	As certified, -----	7043

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
7104	KANE MILLING & GROCERY CO., KANE, PA. Corn Meal, -----	Kane Milling & Grocery Co., Kane.	15.00	8.50	-----
7619	KNOXVILLE ROLLER MILLS, KNOXVILLE, PA. Corn Meal, -----	Knoxville Roller Mills, Knoxville.	12.66	10.56	-----
7851	LEHMAN & WOLGEMUTH, ELIZABETHTOWN, PA. Corn Chop, -----	Lehman & Wolgemuth, Elizabethtown.	12.10	9.69	-----
7042	MAUSER MILL CO., HAZLETON, PA. Corn Chop, -----	Mauser Mill Co., Hazleton.	11.92	9.13	-----
8097	MINER-HILLARD MILLING CO., PLYMOUTH, PA. Corn Meal, -----	Miner-Hillard Milling Co., Plymouth.	11.80	8.19	-----
7846	MUTH BROTHERS, ELIZABETH- TOWN, PA. Corn Meal, -----	Muth Brothers, Elizabethtown.	11.47	9.25	-----
7671	PRESTON BROTHERS, CANTON, PA. Corn Meal, -----	Preston Brothers, Canton.	12.42	9.06	-----
8103	THE QUAKER OATS CO., CHICA- GO, ILL. Fancy Yellow Meal, -----	Plymouth Mill & Elevator Co., Plymouth.	11.55	9.13	-----
7724	THOMAS-BOYCE FEED COMPANY, ATTICA, N. Y. Corn Meal, -----	Farmers' Co-operative Union, Mansfield.	11.00	9.44	-----
8015	C. B. TYLER, MESHOPPEN, PA. Corn Meal, -----	C. B. Tyler, Meshoppen.	11.55	9.13	-----
7112	WARREN CITY MILLS, WARREN, PA. Corn Meal, -----	Warren City Mills, Warren.	12.00	8.44	-----
		Average, -----	12.36	9.11	-----
	OATS CHOP.				
7787	DAYTON MILLING CO., TOWANDA, PA. Ground Oats, -----	Dayton Milling Co., Towanda.	8.10	12.06	-----
7295	ELIZABETHTOWN ROLLER MILLS, ELIZABETHTOWN, PA. Oats Chop, -----	Elizabethtown Roller Mills, Elizabethtown.	6.97	12.19	-----
7015	EVANS MILLING CO., BLOOMS- BURG, PA. Oats Chop, -----	Evans Milling Co., Bloomsburg.	8.10	11.19	-----
7732	FARMERS' CO-OPERATIVE MER- CANTILE CO., SKINNERS EDDY, PA. Ground Oats, -----	Farmers' Co-Operative Mercantile Co., Skinners Eddy.	8.20	12.38	-----
7599	FARMERS' CO-OPERATIVE UN- ION, WELLSBORO, PA. Oats Chop, -----	Farmers' Co-Operative Union, Wellsboro.	8.82	11.88	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.99	-----	2.15	-----	2 15	Made from corn.	As certified, -----	7104
3.77	-----	2.21	-----	1 75	Pure corn.	As certified, -----	7619
4.50	-----	2.04	-----	1 70	Made from pure corn.	As certified, -----	7851
4.13	-----	2.47	-----	3 00	Made from corn.	As certified, -----	7042
3.82	-----	1.91	-----	1 60	Pure Corn.	As certified, -----	8397
4.42	-----	1.96	-----	1 76	Made from pure corn.	As certified, -----	7846
4.16	-----	2.30	-----	1 65	Made from pure corn.	As certified, -----	7671
3.45	-----	1.41	-----	1 80	-----	Yellow corn meal, ----	8103
4.93	-----	2.62	-----	1 35	-----	Corn chop, -----	7724
3.21	-----	1.75	-----	1 75	Pure corn.	As certified, -----	8615
2.40	-----	5.05	-----	1 75	Made from pure corn.	As certified, -----	7112
3.72	-----	2.26	-----	1 86			
4.91	-----	11.48	-----	2 00	Made from pure oats.	As certified, -----	7787
5.13	-----	9.54	-----	2 10	Made from pure oats.	As certified, -----	7295
4.98	-----	11.92	-----	2 75	-----	Oats chop, -----	7015
5.41	-----	9.56	-----	2 00	Made from pure oats.	As certified, -----	7732
5.28	-----	9.56	-----	2 00	Made from pure oats.	As certified, -----	7599

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
	HAMMOND ELEVATOR CO., Corry, PA.		%	%	%
7130	Ground Oats, -----	Hammond Elevator Co., Corry.	7.70	12.38	-----
	HEWES & MCNAMARA, POTTS- VILLE, PA.				
7044	Crushed Oats, -----	Hewes & McNamara, Pottsville.	7.02	12.50	-----
	KANE MILLING & GROCERY CO., KANE, PA.				
7095	Ground Oats, -----	Kane Milling & Grocery Co., Kane.	9.35	14.88	-----
	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA.				
8358	Ground Oats, -----	C. C. Hipple & Son, West Chester.	8.52	13.13	-----
	LEHMAN & WOLGEMUTH, ELIZA- BETHTOWN, PA.				
7850	Oats Chop, -----	Lehman & Wolgemuth, Elizabethtown.	10.25	11.75	-----
	MUTH BROTHERS, ELIZABETH- TOWN, PA.				
7845	Ground Oats, -----	Muth Brothers, Eliza- bethtown.	9.07	11.50	-----
	NICKEL PLATE FLOUR MILLS, ERIE, PA.				
7175	Ground Oats, -----	Nickel Plate Flour Mills, Erie.	8.67	11.94	-----
	PRESTON BROTHERS, CANTON, PA.				
7672	Ground Oats, -----	Preston Brothers, Can- ton.	9.02	11.56	-----
	C. B. TYLER, MESHOPPEN, PA.				
7507	Pure Ground Oats, -----	C. B. Tyler, Tunk- hannock.	7.80	11.69	-----
		Average, -----	8.39	12.22	-----
	BARLEY CHOP.				
	INTERSTATE FLOUR & FEED CO., MINNEAPOLIS, MINN.				
7558	Ground Barley, -----	Fred J. Dyer, Curwens- ville.	10.55	12.13	-----
	UPTON MILL & ELEVATOR CO., MINNEAPOLIS, MINN.				
7840	Ground Barley, -----	Muth Brothers, Eliza- bethtown.	10.35	12.50	-----
		Average, -----	10.45	12.32	-----
	RYE CHOP.				
	EVANS MILLING COMPANY, BLOOMSBURG, PA.				
7014	Rye Chop, -----	Evans Milling Company, Bloomsburg.	12.55	9.44	-----
	CORN AND OATS CHOP.				
	J. B. ANDERSON & SON, SHICK- SHINNY, PA.				
6873	Mixed Chop, -----	J. B. Anderson & Son, Shickshinny.	11.40	9.91	-----
	ANDRE & SWEET, MONTROSE, PA.				
7532	Corn & Oats Chop, -----	Andre & Sweet, Mont- rose.	9.37	10.50	-----
	BROWN BROTHERS ROLLER MILLS, ALEXANDRIA, PA.				
7404	*Chop, -----	Ross E. Goodman, Hunt- ingdon.	10.71	10.75	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.25	-----	7.90	-----	2 00	Made from pure oats.	As certified, -----	7130
4.50	-----	10.84	-----	2 00	Made from oats.	As certified, -----	7044
5.88	-----	9.82	-----	2 25	Made from pure oats.	As certified, -----	7095
5.57	-----	10.70	-----	1 85	Made from pure oats.	As certified, -----	8353
4.24	-----	9.31	-----	2 05	Made from pure oats.	As certified, -----	7850
4.94	-----	9.56	-----	2 05	Made from pure oats.	As certified, -----	7845
6.13	-----	10.32	-----	1 90	Made from pure oats.	As certified, -----	7175
5.33	-----	8.78	-----	1 80	Made from pure oats.	Found also ground corn.	7072
5.16	-----	9.48	-----	2 15	Pure ground oats.	As certified, -----	7507
5.26	-----	9.91	-----	2 06			
2.51	-----	8.00	-----	1 80	Barley.	As certified, -----	7553
2.32	-----	7.09	-----	2 75	-----	Barley chop, -----	7840
2.42	-----	7.54	-----	2 28			
1.89	-----	2.00	-----	3 00	-----	Rye chop, -----	7014
4.65	-----	5.85	-----	2 45	Made from corn and oats, half and half.	As certified, -----	6873
4.62	-----	6 56	-----	1 90	Pure corn and oats.	As certified, -----	7532
4.16	-----	5.72	-----	2 00	Made from corn and oats.	As certified, -----	7404

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7189	CORRY MILLING & SUPPLY CO., INC., CORRY, PA. Corn & Oats Chop Half & Half, -- J. B. CURRY ESTATE, SWATARA, PA.	Corry Milling & Supply Co., Inc., Corry.	12.90	9.31	-----
7856	*Corn & Oats Chop, ----- DAYTON MILLING CO., TOWANDA, PA.	J. B. Curry Estate, Swatara.	11.82	10.31	-----
7754	Corn and Oat Chop, ----- ROY J. DUNHAM, WELLSBORO, PA.	Dayton Milling Co., Towanda.	11.10	11.13	-----
7601	Corn & Oats Chop Half & Half, -- FRED J. DYER & CO., CURWENS- VILLE, PA.	Roy J. Dunham, Wells- boro.	10.00	10.06	-----
7557	*Corn & Oats Chop, ----- ELIZABETHTOWN ROLLER MILLS, ELIZABETHTOWN, PA.	Fred J. Dyer & Co., Curwensville.	11.65	9.69	8-9
7293	*Corn & Oats Chop, ----- ELKLAND ROLLER MILLS, ELK- LAND, PA.	Elizabethtown Roller Mills, Elizabethtown.	10.79	9.94	-----
7638	*Corn & Oats Chop, ----- EMPORIUM MILLING CO., EM- PORIUM, PA.	Elkland Roller Mills, Elkland.	11.04	9.19	-----
7089	Corn & Oats Chop, ----- ERIE MILLING & SUPPLY CO., ERIE, PA.	Emporium Milling Co., Emporium.	10.15	11.38	-----
7183	Corn & Oats Chop, ----- EVANS MILLING CO., BLOOMS- BURG, PA.	Erie Milling & Supply Co., Erie.	12.35	10.31	-----
7013	Corn & Oats Chop, ----- FARMERS' CO-OPERATIVE UN- ION, WELLSBORO, PA.	Evans Milling Co., Bloomsburg.	12.45	9.06	-----
7591	Corn & Oats Chop, ----- HAMMOND ELEVATOR CO., CORRY, PA.	Farmers' Co-Operative Union, Wellsboro.	11.24	10.13	9-10
7131	Corn & Oats Chop, ----- J. C. HARRINGTON CO., MONT- ROSE, PA.	Hammond Elevator Co., Corry.	10.77	10.88	-----
7523	*Corn & Oats Chop, ----- HUNTINGDON MILLING CO., HUNTINGDON, PA.	J. C. Harrington Co., Montrose.	8.02	11.25	-----
7426	Mixed Chop, ----- KLEPSER BROTHERS, MARTINS- BURG, PA.	Huntingdon Milling Co., Huntingdon.	6.27	8.75	-----
7829	Cow Chop, ----- CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.	Klepser Brothers, Al- toona.	10.72	10.44	7.00
7226	Badger Chop, ----- THE LAKE ERIE MILLING CO., TOLEDO, OHIO.	Juniata Feed & Flour Co., Tyrone.	9.50	9.94	10.00
7612	Mollett's Flaked Oats and Corn Chop.	Farmers' Feed Store, Wellsboro.	10.97	10.06	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Protein.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.80	-----	5.22	-----	1 80	Made from pure corn and oats.	As certified, -----	7139
4.46	-----	3.89	-----	1 60	Made from pure corn and oats.	As certified, -----	7856
4.05	-----	3.74	-----	1 90	-----	Corn and oats, -----	7754
4.45	-----	6.64	-----	1 95	Made from pure corn and oats.	As certified, -----	7601
4.98	3-4	3.46	-----	1 80	Corn and oats.	As certified, -----	7657
4.48	-----	4.07	-----	2 05	Made from pure corn and oats.	As certified, -----	7293
4.42	-----	3.70	-----	1 90	Pure corn and oats.	As certified, -----	7638
4.70	-----	8.80	-----	1 80	Made from corn and oats.	As certified, -----	7689
3.26	-----	6.35	-----	2 00	Made from corn and oats.	As certified, -----	7133
3.05	-----	5.22	-----	2 75	Made from corn and oats.	As certified, -----	7013
4.30	4-5	5.36	4-5	2 60	Pure corn and oats half and half.	As certified, -----	7591
5.11	-----	5.65	-----	1 90	Made from corn and oats.	As certified, -----	7131
4.92	-----	6.90	-----	1 90	Pure corn and oats.	As certified, -----	7523
4.28	-----	3.34	-----	2 10	Made from corn and oats.	As certified, -----	7426
3.88	3.00	4.01	9.00	2 50	Corn and oats.	As certified, -----	7829
2.99	2.25	5.45	5.00	2 60	Cracked corn, crushed oats.	As certified, -----	7226
4.36	4.00	4.13	9.00	2 00	Corn and oats.	As certified, -----	7612

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7611	Mollett's Pure Corn and Oats Chop Coarse.	Farmers' Feed Store, Wellsboro.	% 10.99	% 10.13	% 10.00
7454	MARTIN & COMPANY, ALTOONA, PA. Corn & Oats Chop, -----	Martin & Company, Altoona.	9.79	9.56	0.87
7693	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y. ½ and ¾ Ground Corn and Oats, ----	F. P. Case & Son, Troy.	8.75	10.75	-----
7730	NEW ERA MILLS, MANSFIELD, PA. Corn & Oats Feed, -----	New Era Mills, Mansfield.	10.17	10.63	-----
7174	NICKEL PLATE FLOUR MILLS, ERIE, PA. Corn & Oats Chop, -----	Nickel Plate Flour Mills, Erie.	11.57	10.88	-----
8062	PARK & POLLARD CO., BOSTON, MASS. Corn and Oats Half & Half, -----	F. W. Dawson & Son, Williamsport.	9.10	11.25	-----
8221	PHELPS & SIBLEY CO., CUBA, N. Y. Pure Corn & Oats Feed, -----	Miller Breuning, Coudersport.	9.35	12.50	9.50
7606	PRESTON BROTHERS, CANTON, PA. Corn & Oats Chop, -----	Preston Brothers, Canton.	10.92	10.19	-----
7685	PRESTON & JAQUISH, TROY, PA. Corn & Oats Chop, -----	Preston & Jaquish, Troy.	10.42	10.50	10.00
7636	H. Z. PRIDE & SON, WESTFIELD, PA. Corn & Oats Chop, -----	H. Z. Pride & Son, Westfield.	9.52	11.31	-----
7676	THE QUAKER OATS CO., CHICAGO, ILL. Crushed Corn & Oats Half and Half.	Canton Mercantile Co., Canton.	9.71	10.63	10.00
7675	Fine Ground Corn & Oats Half and Half.	Canton Mercantile Co., Canton.	10.33	10.31	10.00
		Average, -----	10.02	10.47	-----
7682	H. ROCKWELL & SON, CANTON, PA. *Pure Corn & Oat Chop Light, --	H. Rockwell & Son, Canton.	9.97	11.13	-----
7411	JOSHUA STOUFFER & SON, HUNTINGDON, PA. *Corn and Oats Chop, -----	Joshua Stouffer & Son, Huntingdon.	9.42	9.56	-----
7723	THOMAS-BOYCE FEED COMPANY, ATTICA, N. Y. Ground Corn and Oats, -----	Farmers' Co-operative Union, Mansfield.	9.20	10.63	-----
7838	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's Flaked Corn & Oats, ----	C. J. Cleland, Wilkinsburg.	8.77	9.69	10.00
7107	WARREN CITY MILLS, WARREN, PA. Corn & Oats Chop, -----	Warren City Mills, Warren.	10.57	10.19	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.90	4.00	5.98	9.00	2 00	Corn and oats.	As certified, -----	7611
4.42	1.15	3.87	1.83	2 50	Made from corn and oats.	As certified, -----	7454
4.73	-----	7.17	-----	1 65	-----	Corn and oats, -----	7603
4.66	-----	5.58	-----	1 90	Made from pure corn and oats.	As certified, -----	7730
4.14	-----	5.05	-----	1 90	Made from corn and oats.	As certified, -----	7174
4.79	-----	7.16	-----	2.25	-----	Corn and oats, -----	8062
4.15	4.00	5.64	6.00	1 60	Pure corn and oats.	As certified, -----	8221
4.51	-----	5.67	-----	1 70	Pure corn and oats.	As certified, -----	7606
5.01	3.00	5.27	5.50	1 90	Whole corn and oats, plus overrun from cracked corn separator when making cracked corn.	As certified, -----	7685
4.63	-----	7.11	-----	2 00	Pure corn and oats.	As certified, -----	7696
5.42	4.00	5.48	8.00	1 75	Corn and oats.	As certified, -----	7676
5.02	4.00	5.42	8.00	1 75	Corn and oats.	As certified, -----	7675
5.22	-----	5.45	-----	1 75			
4.87	-----	5.96	-----	1 75	Pure corn and oats.	As certified, -----	7682
4.59	-----	5.81	-----	2 00	Made from corn and oats.	As certified, -----	7411
4.86	-----	5.12	-----	1 90	-----	Corn and oats, -----	7728
4.06	4.00	4.36	8.00	1 75	Corn and oats.	As certified, -----	7898
4.30	-----	6.03	-----	1 90	Made from corn and oats.	As certified, -----	7107

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	A. F. WENTZ, JERSEY SHORE, PA.		%	%	%
8240	*Corn & Oats Chop, -----	A. F. Wentz, Jersey Shore.	11.72	10.13	-----
	E. E. WENTZ, LOCK HAVEN, PA.				
8231	*Pure Corn & Oats Chop, -----	E. E. Wentz, Lock Haven.	11.27	10.00	-----
		Total average, -----	10.37	10.33	-----
	CORN, OATS AND BARLEY CHOP.				
	HALES & HUNTER CO., CHICAGO, ILL.				
7890	*Pioneer Chop Feed, -----	The Irwin Muir Co., Braddock.	10.42	10.00	10.00
	CORN, OATS AND RYE CHOP.				
	FLORY MILLING CO., BANGOR, PA.				
6988	Extra Feed, -----	Traders Flour & Feed Co., Stroudsburg.	10.62	11.49	16-12
	FRANKLIN MILLING CO., MIDDLEBURG, PA.				
8277	*Mixed Chop, -----	Franklin Milling Co., Middleburg.	10.30	10.69	-----
	LEHMAN & WOLGEMUTH, ELIZABETHTOWN, PA.				
7852	Mixed Chop, -----	Lehman & Wolgemuth, Elizabethtown.	11.32	10.63	-----
		Average, -----	10.74	10.94	-----
	CHOP FEED.				
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
8198	Ohio Chop, -----	Kane Milling & Grocery Co., Mt. Jewett.	8.90	8.38	6.00
8026	Ohio Chop, -----	Monaca Roller Mills, Monaca.	8.99	7.44	6.00
8313	Ohio Chop, -----	National Flour & Feed Co., Fayette City.	8.70	8.31	6.00
		Average, -----	8.86	8.04	-----
	W. E. CUSTER, MILTON, PA.				
7383	Fresh Ground Chop, -----	W. E. Custer, Milton.	10.06	11.12	14.00
	EULALLA MILLING CO., COUDERSPORT, PA.				
8219	*Chop, -----	Eulalia Milling Co., Coudersport.	9.70	18.94	-----
	EVANS MILLING COMPANY, BLOOMSBURG, PA.				
7612	*Evans Fresh Ground Chop, -----	Evans Milling Company, Bloomsburg.	10.42	9.38	6-10
	FAY MILLING COMPANY, HOLLIDAYSBURG, PA.				
7446	Fresh Ground Mixed Chop, -----	Fay Milling Company, Hollidaysburg.	10.43	9.88	9.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.15	-----	3.73	-----	1 90	Corn and oats.	As certified, -----	8240
4.06	-----	4.00	-----	1 75	Corn and oats.	As certified, -----	8231
4.36	-----	5.35	-----	1 97			
3.97	3.00	5.94	7.00	2 25	Corn, oats, barley.	As certified, -----	7890
3.98	5-7	5.65	2-5	2 50	Composed of rye, corn and oats.	Found also small amount buckwheat.	6938
3.50	-----	3.30	-----	1 50	Corn, oats and rye.	As certified, -----	8277
3.48	-----	4.25	-----	1 95	Made from corn, oats and rye.	As certified, -----	7852
3.64	-----	4.40	-----	1 98			
2.60	2.00	11.09	12.00	1 40	White or yellow shelled corn, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	8198
2.04	2.00	12.55	12.00	1 40	White or yellow shelled corn, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	8026
2.34	2.00	13.55	12.00	1 50	White or yellow shelled corn, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Both white and yellow corn present.	8313
2.33	-----	12.39	-----	1 43			
4.45	4.00	5.89	4.30	2 00	Composed of corn, oats and wheat screenings.	As certified, -----	7383
4.30	-----	7.80	-----	2 15	Ground oats, corn meal, bran, cottonseed meal, linseed oil meal, gluten meal, buckwheat midds.	Found also small amount ground grain screenings.	8219
2.78	2-6	5.64	-----	2 75	Corn, oats, rye and wheat screenings.	As certified, -----	7012
3.38	3.00	7.34	9.00	2 50	Made from Vlm Feed, shelled corn, wheat bran, hominy and low grade.	Oat meal mill by-product (oat middlings and oat hulls), shelled corn, wheat bran, hominy and low grade flour.	7440

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7836	F. B. FURRY, LOYSBURG, PA. *Chop Mixed, -----	Standard Seed & Feed Co., Juniata.	% 10.37	% 10.16	% -----
8269	FURST BROTHERS, MILL HALL, PA. Corn, Oats and Wheat Middlings Chop.	Furst Brothers, Mill Hall.	12.55	10.88	8-12
8246	C. J. GREENINGER & SON, RAUCH-TOWN, PA. *Mixed Chop, -----	M. M. DeCoursey & Co., Antes Fort.	10.72	10.15	6-12
7756	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger Monopoly Feed, -----	H. M. Clark, Uniontown.	7.95	10.69	9.00
7115	Badger Monopoly Feed, -----	Keystone Cash Feed Store, Warren.	11.82	10.63	9.00
7050	Badger Monopoly Feed, -----	Speacht Brothers, Pottsville.	10.80	11.38	9.00
		Average, -----	10.19	10.90	-----
7610	THE LAKE ERIE MILLING CO., TOLEDO, OHIO. Mollett's Yellow C. O. & B. Chop,	Fariners' Feed Store, Wellsboro.	10.43	9.75	8-9
7758	THE McMILLEN COMPANY, FORT WAYNE, IND. Universal C. O. B. Feed, -----	J. R. Morrow Feed Store, Uniontown.	9.42	9.88	8.00
7290	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Mixed Chop, -----	Miner-Hillard Milling Co., Wilkes-Barre.	10.94	9.44	7.00
8102	THE QUAKER OATS CO., CHICAGO, ILL. No. 1 Chop Feed, -----	Plymouth Mill & Grain Co., Plymouth.	8.48	10.19	9.00
7410	JOSHUA STOUFFER & SON, HUNTINGDON, PA. *Mixed Chop, -----	Joshua Stouffer & Son, Huntingdon.	9.82	9.69	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.28	-----	9.04	-----	2 10	-----	Wheat bran, wheat middlings, corn and cob meal, oats and ground grain screenings.	7836
4.21	3-5	2.77	4-8	1 75	-----	Corn, oats and wheat middlings.	8269
3.90	2-5	2.97	2-8	2 00	Shelled corn, oats, rye, mixed grain, wheat bran, corn bran, wheat midds. and wheat screenings, possible milled by-products.	Found also barley feed.	8246
5.99	3.50	7.58	8.00	2 00	Ground whole corn, Kaffir corn, oats and barley.	Kaffir corn not detected.	7756
2.98	3.50	5.54	10.00	2 25	Ground whole corn, oats and barley.	Found also ground Kaffir corn.	7115
3.45	3.50	3.85	8.00	3 25	Ground whole corn, Kaffir corn, oats and barley.	As certified, -----	7050
4.14	-----	5.65	-----	2 50			
4.43	3-4	7.28	6-9	1 85	Corn, oats, oat hulls, oat groats, oat middlings, corn meal of-fal, barley, and $\frac{1}{2}$ of 1% salt.	Barley not detected. Corn meal of-fal identified as corn feed meal.	7610
2.88	3.00	9.64	10.00	1 85	Corn, oats, barley, oat meal mill by-products (oat middlings, oat hulls, oat shorts).	Barley not detected, -	7758
3.55	2.00	4.75	7.00	1 70	Corn, wheat middlings and oat hulls.	As certified, -----	7290
3.83	4.00	8.91	11.50	1 85	Ground corn, hominy feed, yellow hominy feed, ground barley, wheat middlings (with ground grain screenings not exceeding mill run), oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	8102
3.75	-----	4.32	-----	2 00	Ground corn, oats and buckwheat flour.	As certified, -----	7410

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8190	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's Little Wonder Chop Feed, --	Smith Brothers Co., Ridgway.	% 9.77	% 8.94	% 9.00
7981	Camp's Surprise Chop Feed, -----	J. S. Charles, Tarentum.	8.88	8.88	9.00
8132	Camp's Surprise Chop Feed, -----	C. P. Harris, Meadville,	9.54	8.38	9.00
7966	Camp's Surprise Chop Feed, -----	Keystone Commercial Co., McKeesport.	9.30	9.25	9.00
7155	Camp's Surprise Chop Feed, -----	Union City Co-operative Association, Union City.	8.70	9.25	9.00
	MISCELLANEOUS FEED.				
	CONDENSED OR SEMI-SOLID BUTTERMILK.	Average, -----	9.10	8.94	-----
7268	BLAMBERG BROTHERS, INC., BALTIMORE, MD. Condensed Buttermilk, -----	J. L. Hileman, Worcester.	74.54	10.38	-----
7269	GRELICK-ORDWAY CO., ST. PAUL, MINN. Condensed Buttermilk (Semi-Solid) (For Hogs and Poultry).	John B. Curry Estate, Swatara.	77.03	8.50	12.00
7313	J. A. LONG CO., UNION CITY, IND. Condensed Buttermilk, -----	Paradise Farmers' Association, Inc., Vintage.	73.57	10.44	-----

(St) Total Solids.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.65	3.50	6.59	9.00	2 15	White or yellow corn, oats, corn meal mill by-products, (fine meal and siftings), oat meal by-products (oat groats, oat middlings and oat hulls), and one-half of one per cent. fine salt.	Both white and yellow corn present.	8190
3.11	3.50	8.14	9.00	2 00	White or yellow corn, oats, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat hulls), wheat middlings and 1% fine salt.	Both white and yellow corn present. Found also small amount corn cobs.	7981
3.16	3.50	7.45	9.00	1 60	White or yellow corn, oats, corn meal mill by-products, (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls), wheat middlings, and one-half of one per cent. fine salt.	Found also small amount corn cob meal. Both white and yellow corn present.	8133
3.07	3.50	7.69	9.00	1 60	White or yellow corn, oats, corn meal mill by-products, (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls), wheat middlings, and one-half of one per cent. fine salt.	Both white and yellow corn present.	7966
3.47	3.50	7.66	9.00	1 80	White or yellow corn, oats, corn meal mill by-products, (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls), wheat middlings, and one-half of one per cent. fine salt.	Found also ground Kaffir corn and small amount corn glumes. Both white and yellow corn present.	7155
3.20	-----	7.72	-----	1 75			
2.26	-----	St- 25.46	-----	4 25	-----	Condensed buttermilk.	7263
2.14	2.00	St- 22.97	-----	4 50	-----	Condensed buttermilk,	7269
1.46	-----	St- 26.43	-----	3 75	-----	Condensed buttermilk,	7313

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7307	Condensed Buttermilk, -----	West Willow Farmers' Association Inc., West Willow.	71.74	11.06	-----
		Average, -----	72.65	10.75	-----
		Total average, ----	74.22	10.10	-----
7280	THE JERSCE CO., MINNEAPOLIS, MINN. *Jersce Milk Food Compound, -----	Juniata Feed & Flour Co., Tyrone.	12.95	15.44	9.00
7597	THE QUAKER OATS CO., CHICAGO, ILL. Maz-All Corn Feed, -----	Farmers' Co-operative Union, Wellsboro.	9.35	9.19	8.00
7826	PROPRIETARY POULTRY FEED. SCRATCH FEED. ACME-EVANS COMPANY, INDIANAPOLIS, IND. Acme Scratch Feed, -----	Leibovitz Feed Mills, Altoona.	10.67	11.06	10.00
7424	Acme Scratch Feed, -----	Reeves, Parvin & Co., Huntingdon.	10.70	10.75	10.00
7202	Acme Scratch Feed, -----	The M. & M., Store, Inc., Tyrone.	11.57	9.69	10.00
		Average, -----	10.98	10.50	-----
7870	ADLER BROTHERS, ALTOONA PA. Adler Poultry Feed, -----	Alder Brothers, Altoona,	11.02	10.31	8-10
7813	THE AKRON FEED & MILLING CO., AKRON, OHIO. Portage Scratch Feed, -----	Claude Davis, Windber,	10.77	9.56	9.00
7587	Portage Scratch Feed, -----	Pollock Flour & Feed Co., Ford City.	11.56	9.88	9.00
		Average, -----	11.16	9.72	-----
7624	AMERICAN MILLING CO., PEORIA, ILL. Cluck Cluck Scratch Feed, -----	Farmers' Co-operative Union, Knoxville.	11.13	10.44	10.00

*Not Registered.
(St) Total solids.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	% St-	%	\$			
1.92	-----	28.26	-----	3 75	-----	Condensed buttermilk,	7307
1.69	-----	St- 27.35	-----	3 75			
1.95	-----	St- 25.78	-----	4 06			
4.29	4.50	4.57	6.00	20 00	Powdered milk, St. John's Bread, salt, starch, sugar, corn flour, flour middlings, dried blood, oxide iron, calcium phosphate, anise.	St. John's Bread not detected.	7230
2.36	1.40	2.19	2.00	2 25	Corn by-products, -----	Toasted corn flakes by-product, consisting largely of corn grit with small amount of sugar and salt added in cooking process.	7597
3.88	2.50	2.89	5.00	4 50	Wheat, cracked corn, buckwheat, sunflower seed, barley and Kaffir corn.	As certified, -----	7826
3.39	2.50	3.17	5.00	2 25	Wheat, cracked corn, buckwheat, sunflower seed, barley, Kaffir corn, carbonate of lime (limestone).	As certified, -----	7424
3.44	2.50	3.10	5.00	3 00	Wheat, cracked corn, buckwheat, barley, sunflower seed and Kaffir corn.	As certified, -----	7202
3.57	-----	3.05	-----	3 25			
2.89	3.5-4.	2.32	4-6	2 50	Cracked corn, wheat, barley, Kaffir corn, buckwheat and sunflower seed.	Found also oats and small whole weed seeds.	7870
3.99	3.50	2.95	5.00	2 50	Cracked corn, wheat, oats, barley, buckwheat and sunflower seed.	As certified, -----	7813
3.47	2.50	3.08	4.00	2 60	Cracked corn, barley, oats, Kaffir corn, buckwheat, sunflower seed.	As certified, -----	7587
2.73	-----	3.01	-----	2 55			
3.44	2.50	2.84	5.00	2 50	Wheat, corn, Kaffir, buckwheat, barley, oats and sunflower seed.	Found also small amount whole weed seeds.	7624

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8022	Cluck Cluck Scratch Feed, -----	W. W. McCullough, West Bridgewater.	% 11.01	% 9.94	% 10.00
		Average, -----	11.07	10.19	-----
7423	*Tip Top Chick Feed, -----	Davis & Rupert, Hunt- ingdon.	10.69	10.94	10.00
7622	*Tip Top Chick Feed, -----	Farmers' Co-operative Union, Knoxville.	11.40	12.25	10.00
7455	*Tip Top Chick Feed, -----	Lauderbach-Zerby Com- pany, Philipsburg.	10.04	11.50	10.00
		Average, -----	10.71	11.56	-----
7267	*Tip Top Chick Feed with 5% Grit,	Hiester, Reiff & Co., Philadelphia.	11.35	10.00	10.00
7422	*Tip Top Scratch Feed, -----	Davis & Rupert, Hunt- ingdon.	10.33	9.31	10.00
7623	*Tip Top Scratch Feed, -----	Farmers' Co-operative Union, Knoxville.	11.50	10.63	10.00
7431	*Tip Top Scratch Feed, -----	Fay Milling Company, Hollidaysburg.	10.39	9.88	10.00
7402	*Tip Top Scratch Feed, -----	Ross E. Goodman, Hunt- ingdon.	11.26	9.88	10.00
7266	Tip Top Scratch Feed, -----	Hiester, Reiff & Co., Philadelphia.	10.65	9.25	10.00
7456	*Tip Top Scratch Feed, -----	Lauderbach-Zerby Co., Philipsburg.	10.94	9.50	10.00
		Average, -----	10.85	9.74	-----
7265	*Tip Top Scratch Feed with 5% Grit,	Schwenk & Caldwell, Philadelphia.	11.25	8.81	10.00
	J. B. ANDERSON & SON, SHICK- SHINNY, PA.				
6872	Hen Food, -----	J. B. Anderson & Son, Shickshinny.	9.67	10.29	-----
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
7887	Arcady Poultry Feed, -----	Braddock Feed & Supply House, Braddock.	10.97	10.31	10.00
7485	Arcady Poultry Feed, -----	Johnstown Milling Co., Johnstown.	11.31	10.50	9.00
7930	Arcady Poultry Feed, -----	Jesse C. Stewart & Co., Pittsburgh.	10.80	10.31	10.00
		Average, -----	11.02	10.37	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.18	2.50	2.61	5.00	2 40	Wheat, corn, Kaffir, buckwheat, barley, oats and sunflower seed.	As certified, -----	8022
3.31	-----	2.72	-----	2 45			
3.92	2.50	3.26	5.00	2 80	Wheat, corn, Kaffir, millet, pigeon grass and wild buckwheat.	Found also flaxseed and a large amount of whole weed seeds.	7423
3.95	2.50	3.32	5.00	2 25	Wheat, corn, Kaffir, millet, pigeon grass and wild buckwheat.	Found also flaxseed and a large amount of whole weed seeds.	7622
3.99	2.50	3.84	5.00	2 80	Wheat, corn, Kaffir, millet, pigeon grass and wild buckwheat.	Found also flaxseed and large amount of whole weed seeds	7455
3.95	-----	3.47	-----	2 62			
3.81	2.50	3.76	5.00	2 35	Kaffir, wheat, millet, pigeon grass, corn, wild buckwheat and marble grit.	Found also flaxseed and a large amount of whole weed seeds.	7267
3.67	2.50	2.49	5.00	2 80	Wheat, corn, Kaffir, barley, oats, wild buckwheat and sunflower seed.	Found also small amount whole weed seeds.	7422
3.85	2.50	2.70	5.00	2 25	Wheat, corn, Kaffir, barley, oats, wild buckwheat and sunflower seed.	Found also small amount of small whole weed seeds.	7623
4.37	2.50	2.59	5.00	2 50	Wheat, corn, Kaffir, barley, oats, wild buckwheat and sunflower seed.	Found also small amount whole weed seeds, including wild buckwheat.	7431
4.02	2.50	2.71	5.00	2 75	Wheat, corn, Kaffir, barley, oats, wild buckwheat and sunflower seed.	As certified, -----	7402
3.63	2.50	2.47	5.00	2 30	Wheat, corn, Kaffir, barley, oats, $\frac{1}{2}$ of 1% sunflower seed.	Found also small amount whole weed seeds.	7266
3.26	2.50	2.40	5.00	2 20	Wheat, corn, Kaffir, barley, oats, wild buckwheat and sunflower seed.	Sunflower seed not detected.	7456
3.80	-----	2.56	-----	2 47			
2.80	2.50	2.06	5.00	2 50	Wheat, corn, Kaffir, barley, oats, wild buckwheat, $\frac{1}{2}$ of 1% sunflower seed and marble grit.	Found also small amount whole weed seeds.	7265
3.43	-----	2.95	-----	3 35	Cracked corn, wheat, buckwheat, oats, milo maize, Hen-E-Ta bone.	Found also small amount whole weed seeds.	6872
3.67	2.50	2.96	5.00	2 50	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat, sunflower seed.	As certified, -----	7887
3.55	2.00	2.55	5.00	2 65	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat, sunflower seed.	As certified, -----	7485
3.15	2.50	2.96	5.00	2 20	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat, sunflower seed.	As certified, -----	7930
3.46	-----	2.82	-----	2 45			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7768	*Atlantic Poultry Feed, -----	G. Bostert & Sons, Johnstown.	% 10.82	% 9.69	% 9.00
7760	Riverside Scratch Feed, -----	Charles M. St. Clair, Latrobe.	10.60	10.25	10.00
7369	BLANK & GOTTSHALL COMPANY, INC., SUNBURY, PA. B. & G. Blended Hen Food, -----	Blank & Gottshall Com- pany, Inc., Sunbury.	10.82	8.88	10.00
8261	B. & G. Blended Hen Food, -----	R. Foster & Son, Millin- burg.	9.82	9.88	6.00
7368	B. & G. Chick Food, -----	Average, ----- Blank & Gottshall Com- pany, Inc., Sunbury.	10.32 10.87	9.38 11.56	----- 10.50
7509	BROWN & FASSETT, TUNKHAN- NOCK, PA. Scratch Feed Clear Mixed Feed For Poultry, Makes Hens Lay.	Brown & Fassett, Tunk- hannock.	11.80	9.56	8-10
7815	CLOVER LEAF MILLING CO., BUFFALO, N. Y. Developing Feed, -----	Ebensburg Milling & Supply Co., Ebensburg.	11.25	11.13	10.00
8196	Provo Scratch Grain, -----	E. Colquist, Mt. Jewett,	11.42	10.06	10.00
7209	THE G. E. CONKEY CO., CLEVE- LAND, OHIO. Conkey's Chick Grains, -----	K. L. McClain & Co., Tyrone.	12.37	9.50	10.00
7236	Conkey's Chick Grains, -----	Rochester Seed & Supply Co., Rochester.	12.85	9.63	10.00
7249	Conkey's Growing Grains, -----	Average, ----- Rochester Seed & Supply Co., Rochester.	12.61 11.65	9.57 9.56	----- 10.50
7560	Conkey's Scratch Grain, -----	Kline's Sifter Mills, Brookville.	11.45	10.38	10.50
7207	Conkey's Scratch Grain, -----	K. L. McClain & Co., Tyrone.	11.77	9.63	10.50

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.23	2.00	2.39	5.00	2 30	Wheat, cracked corn, Kafir corn, buckwheat, re-cleaned wheat screenings, oats, barley, wild buckwheat and sunflower seed.	As certified, -----	7768
4.00	2.50	2.43	5.00	2 50	Wheat, cracked corn, oats, barley, Kafir corn, re-cleaned wheat screenings, buckwheat and sunflower seed.	Buckwheat not detected.	7760
4.10	2.25	2.73	3.50	2 75	Cracked corn, wheat, Kafir corn, buckwheat, barley, sunflower seed, oats, charcoal.	As certified, -----	7369
3.26	2.25	3.22	3.50	2 75	Cracked corn, wheat, Kafir corn, buckwheat, barley, Ho-E-Ta bone, oats, charcoal, sunflower seed.	As certified, -----	8261
3.68	-----	2.97	-----	2 75			
4.50	2.25	2.16	3.50	3 00	Cracked corn, cracked wheat, cracked Kafir corn, cracked milo maize, millet and cracked peas.	As certified, -----	7368
3.25	3-5	3.03	4-6	2 40	Cracked corn, wheat, buckwheat, oats, Kafir corn and sunflower seed.	Found also barley	7509
2.88	2.50	1.94	5.00	3 00	Wheat, hulled oats, Kafir corn, milo maize, cracked corn.	As certified, -----	7815
3.35	2.50	2.36	5.00	2 10	Wheat, cracked corn, Kafir corn, barley, oats and sunflower.	Sunflower seed not detected.	8196
2.14	2.50	1.85	5.00	3 00	Oat meal, millet, cracked wheat, Kafir corn, and cracked corn.	As certified, -----	7209
2.20	2.50	2.00	5.00	3 25	Oat meal, millet, cracked wheat, Kafir corn, and cracked corn.	Found also small amount whole weed seeds.	7236
2.17	-----	1.92	-----	3 13			
2.47	3.00	2.47	3.00	3 50	Medium cracked corn, millet, wheat and Kafir.	Found also small amount whole weed seeds.	7249
2.55	3.00	2.37	3.00	2 40	Wheat, ground corn, Kafir corn, barley, buckwheat and sunflower.	Found also oats, ----	7560
2.25	3.00	2.87	3.00	3 00	Wheat, cracked corn, Kafir corn, barley, buckwheat and sunflower.	As certified, -----	7207

TABLE III —ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7235	Conkey's Scratch Grain. -----	Rochester Seed & Supply Co., Rochester.	% 12.87	% 9.44	% 10.50
7879	Conkey's Scratch Grain. -----	I. W. Scott Co., Pittsburgh.	10.87	10.75	10.50
		Average, -----	11.74	10.05	-----
8291	THE CORNO MILLS CO., ST. LOUIS, MO. Nutro Hen Feed, -----	Woodward & Co., Philadelphia.	11.40	9.50	10.00
7717	Pawnee Hen Feed, -----	Hardy & Porter, Dunbar.	10.52	9.69	10.00
7382	W. E. CUSTER, MILTON, PA. Custer's Scratch Feed, -----	W. E. Custer, Milton, --	11.23	9.69	-----
7831	DANNALS MILLING CO., ALTOONA, PA. *Hen Food, -----	Dannals Milling Co., Altoona.	11.37	10.81	8.06
7745	DAYTON MILLING CO., TOWANDA, PA. Dayton's Ideal Scratch Grains No Grit.	Dayton Milling Co., Towanda.	10.32	9.81	9-12
8152	THE ALBERT DICKINSON CO., CHICAGO, ILL. Globe B. Pigeon Feed, -----	Rice & Jones, Lebanon.	10.62	14.94	10.00
7929	Globe Scratch Feed, -----	A. C. Bleuner, Pittsburgh.	11.40	10.44	10.00
7097	Globe Scratch Feed, -----	Kane Milling & Grocery Co., Kane.	10.80	11.50	10.00
8197	Globe Scratch Feed, -----	Kane Milling & Grocery Co., Kane.	11.05	11.13	10.00
7072	Globe Scratch Feed, -----	Paxton Flour & Feed Co., Harrisburg.	10.92	10.25	10.00
8159	Globe Scratch Feed, -----	Rice & Jones, Lebanon.	10.27	11.56	10.00
7547	Globe Scratch Feed, -----	A. T. Sprankle, DuBois.	10.23	9.75	10.00
		Average, -----	10.77	10.77	-----
7071	Pine Tree Scratch Feed, No Grit. --	Paxton Flour & Feed Co., Harrisburg.	11.37	10.25	10.00
7814	Rival Scratch Feed, -----	Ebensburg Milling & Supply Co., Ebensburg.	11.35	9.68	9.50

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
1.68	3.00	2.36	3.00	3 00	Wheat, cracked corn, Kaffir corn, barley, buckwheat and sunflower.	As certified, -----	7235
2.69	3.00	2.30	3.00	2 70	Wheat, cracked corn, Kaffir corn, barley, buckwheat and sunflower seed.	As certified, -----	7879
2.29	-----	2.47	-----	2 78			
3.45	3.00	3.22	3.50	34 00	Wheat, cracked corn, barley, oats, Kaffir corn and buckwheat.	As certified, -----	8291
4.14	3.00	2.29	3.50	2 60	Wheat, cracked corn, barley, oats, Kaffir corn and buckwheat.	As certified, -----	7717
3.74	-----	3.20	-----	2 00	Wheat, buckwheat, cracked corn and oats.	As certified, -----	7382
3.08	2.00	3.16	5.00	2 40	Cracked corn, buckwheat, Kaffir corn, oats, wheat, sunflower seed and barley.	Sunflower seed not detected.	7831
3.90	3-6	3.56	3-6	2 40	Cracked corn, Kaffir corn, wheat, buckwheat, oats.	As certified, -----	7745
3.50	2.50	4.02	5.00	4 50	Wheat, peas, Kaffir corn, millet, buckwheat, hemp.	As certified, -----	8152
3.18	2.50	2.91	5.00	3 75	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	7929
3.48	2.50	3.00	5.00	3 00	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.		
3.23	2.50	3.02	5.00	2 70	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	8197
3.55	2.50	3.05	5.00	3 00	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	7072
3.14	2.50	2.85	5.00	2 70	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	8159
3.15	2.50	2.86	5.00	2 15	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	7547
3.29	-----	2.94	-----	2 88	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower, grit.		
3.63	2.50	2.66	5.00	2 90	Corn, wheat, Kaffir corn, buckwheat, barley, oats.	As certified, -----	7071
3.99	2.50	2.27	5.00	2 75	Corn, wheat, barley, oats, Kaffir corn.	As certified, -----	7814

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
7098	Rival Scratch Feed, -----	Kane Milling & Grocery Co., Kane.	12.07	10.13	9.50
8161	Rival Scratch Feed, -----	Rice & Jones, Lebanon,	10.29	9.81	9.50
7901	Rival Scratch Feed, -----	John Williams & Sons, Pittsburgh.	10.65	10.19	9.50
		Average, -----	11.09	9.94	-----
7070	White Cross Scratch Feed With Grit, -----	Paxton Flour & Feed Co., Harrisburg.	10.55	9.75	10.00
	DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
7052	Polo Hen Food, -----	Speacht Brothers, Pottsville.	11.57	10.19	9.00
	DULL'S FLOUR & FEED STORE, EASTON, PA.				
6959	Pure Mixed Grain, -----	Dull's Flour & Feed Store, Easton.	10.65	9.69	8-9
	ROY J. DUNHAM, WELLSBORO, PA.				
7600	Mixed Hen Feed, -----	Roy J. Dunham, Wellsboro.	11.21	10.63	-----
	THE EASTON FLOUR & FEED CO., EASTON, PA.				
6965	Easton's Best Mixed Grain, -----	The Easton Flour & Feed Co., Easton.	9.75	9.75	10.00
	EMPORIUM MILLING CO., EMPORIUM, PA.				
7088	Scratch Grain, -----	Emporium Milling Co., Emporium.	10.65	10.25	-----
	ERIE MILLING & SUPPLY CO., ERIE, PA.				
7176	Scratch Grain, -----	Erie Milling & Supply Co., Erie.	12.47	10.44	-----
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7350	Developing Feed, -----	John W. Eshelman & Sons, Lancaster.	10.96	10.00	10.00
7349	Eshelman's Chick Feed No Grit, ----	John W. Eshelman & Sons, Lancaster.	9.01	10.63	10.00
7356	Eshelman's Pigeon Feed, -----	John W. Eshelman & Sons, Lancaster.	11.10	11.63	10.00
7465	Imperial Scratch Feed No Grit, ----	S. A. Fishburn, Paxtonia.	10.16	11.06	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.51	2.50	2.32	5.00	2 65	Corn, wheat, barley, oats, Kaffir corn.	As certified, -----	7098
3.25	2.50	2.36	5.00	2 50	Corn, wheat, barley, oats, Kaffir corn.	As certified, -----	8161
3.68	2.50	2.89	5.00	2 50	Corn, wheat, barley, oats, Kaffir corn, buckwheat.	As certified, -----	7901
3.61	-----	2.46	-----	2 60			
3.30	2.50	2.71	5.00	2 80	Corn, wheat Kaffir corn, buckwheat, barley, oats and grit.	As certified, -----	7070
3.63	2.00	3.00	5.00	3 75	Wheat, corn, Kaffir, milo, barley, buckwheat, oats, wheat screenings, sunflower seed.	As certified, -----	7052
3.28	2-3	2.77	4-5	3 30	-----	Cracked corn, oats, barley, wheat, buckwheat, Kaffir corn and small amount whole weed seeds.	6959
3.90	-----	4.70	-----	2 35	Cracked corn, buckwheat, oats, wheat and Kaffir corn.	Found also barley, --	7600
3.15	3.10	2.72	3.50	3 35	Cracked corn, wheat, oats, buckwheat and sunflower seed.	Found also trace whole weed seed.	6965
3.40	-----	6.50	-----	3 00	Cracked, corn, wheat, buckwheat, barley.	Found also small amount whole weed seeds.	7088
3.17	-----	3.80	-----	2 50	Cracked corn, buckwheat, Kaffir corn, wheat and oats.	Found also small amount whole weed seeds.	7176
3.28	3.00	1.85	3.00	43 00	Cracked corn, Kaffir corn, buckwheat, re-cleaned grain screenings from wheat.	Found also hulled oats and small amount whole weed seeds.	7350
4.24	3.00	2.23	3.00	45 00	Cracked corn, Kaffir corn, cracked wheat, millet, hulled oats, re-cleaned grain screenings from wheat.	Found also cracked rice.	7349
3.27	3.00	2.94	3.00	50 00	Peas, millet, cracked corn, wheat, buckwheat, Kaffir corn, milo maize, flaxseed and hemp seed.	As certified, -----	7356
3.72	3.00	2.75	4.00	2 40	Cracked corn, Kaffir corn, barley, wheat, buckwheat, oats, rye, sunflower seed, re-cleaned grain screenings from wheat.	Rye not detected. Found also small amount screenings including whole weed seeds.	7465

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8289	Imperial Scratch Feed No Grit, ----	Woodward & Co., Philadelphia.	% 11.07	% 10.19	% 10.00
		Average, -----	10.61	10.63	-----
7357	Pennsy Scratch Feed 5% Grit, -----	John W. Eshelman & Sons, Lancaster.	10.52	9.94	10.00
7011	EVANS MILLING COMPANY, BLOOMSBURG, PA. Scratch Feed, -----	Evans Milling Company, Bloomsburg.	10.30	9.88	-----
7742	FARMERS' CO-OPERATIVE MERCANTILE CO., SKINNERS EDDY, P., Mixed Grains, -----	Farmers' Co-operative Mercantile Co., Skinn- ers Eddy.	11.50	11.44	-----
7723	FARMERS' CO-OPERATIVE UNION MANSFIELD, PA. Mixed Hen Feed, -----	Farmers' Co-Operative Union, Mansfield.	10.27	10.25	-----
7592	FARMERS' CO-OPERATIVE UNION WELLSBORO, PA. Fill The Basket Poultry Feed, -----	Farmers' Co-Operative Union, Wellsboro.	11.67	10.94	11.00
6948	FLORY MILLING CO., INC., BANGOR, PA. Golden Egg Scratch Feed, -----	Flory Milling Co., Inc., Bangor.	10.95	9.50	7-10
6937	Golden Egg Scratch Feed, -----	Traders Flour & Feed Co., Stroudsburg.	11.22	10.56	7-10
		Average, -----	11.08	10.03	-----
7448	J. J. GLEICHERT & CO., ALTOONA, PA. Premium Hen Food, -----	J. J. Gleichert & Co., Altoona.	10.73	9.60	3.00
7938	GOLDEN GRAIN MILLING CO., EAST ST. LOUIS, ILL. Golden Grain Scratch Feed, -----	Seebie & Parker Co., Pittsburgh.	10.85	9.50	10.00
6897	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Screened Scratch Feed No Grit.	H. J. Klingler & Co., Butler.	10.70	9.31	10.00
8098	Grandin's Screened Scratch Feed No Grit.	Plymouth Mill & Grain Co., Plymouth.	8.49	9.50	10.00
		Average, -----	9.59	9.41	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.11	3.00	2.33	4.00	37 00	Cracked corn, Kaffir corn, barley, wheat, buckwheat, oats, rye, sunflower seed, recleaned grain screenings from wheat.	Rye not detected, ----	8280
3.42		2.54		42 50			
3.69	3.00	2.61	4.00	40 00	Cracked corn, Kaffir corn, barley, wheat, oats, recleaned grain screenings from wheat.	Found also grit, ----	7357
3.07		4.35		3 50	Buckwheat, wheat, cracked corn and oats.	As certified, -----	7011
2.47		3.44		2 50	Cracked corn, Kaffir, wheat, barley, buckwheat.	Found also oats and rye.	7742
3.19		3.36		2 75	Cracked corn, wheat, Kaffir, barley, buckwheat.	Found also oats, ----	7723
3.40	3.00	3.95	5.00	2 40	Corn, buckwheat, wheat Kaffir corn, oats and sunflower seed.	Sunflower seed not detected. Found also barley and a small amount whole weed seeds.	7592
3.05	5.00	3.15	4.00	2 75	Barley, oats, cracked corn, Kaffir corn, buck wheat and wheat.	Found also small amount whole weed seeds.	6948
2.84	5.00	3.82	4.00	2 75	Barley, oats, cracked corn, Kaffir corn, buck wheat and wheat.	Found also small amount whole weed seeds.	6937
2.95		3.48		2 75			
2.90	2.00	2.55	9.00	2 60	Wheat, Kaffir corn, cracked corn, barley, oats, buckwheat, sunflower seed, grit.	As certified, -----	7448
4.31	3.00	2.63	6.00	2 50	Wheat, cracked corn, Kaffir corn, milo maize, barley, whole buckwheat and sunflower seed.	As certified, -----	7938
2.55	2.50	2.81	5.00	3 25	Wheat, cracked corn, Kaffir corn, milo maize, barley, buckwheat, sunflower seed.	As certified, -----	6897
2.00	2.50	2.02	5.00	2 50	Wheat, cracked corn, Kaffir corn, milo maize, barley, buckwheat, sunflower seed.	Found also oats, ----	8098
2.28		2.41		3 88			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
7790	F. H. HAGERMAN, TOWANDA, PA. Hagerman's Best of All Poultry Grain.	F. H. Hagerman, Towanda.	% 12.05	% 9.44	% 8-10
6997	HALES & HUNTER CO., CHICAGO, ILL. College Scratch Feed, -----	Stemler Brothers, East Mauch Chunk.	10.97	9.75	10.90
7259	Morning Glory Scratch Feed No Grit.	John G. Allen, Beaver Falls.	10.35	10.13	10.00
7875	Morning Glory Scratch Feed No Grit.	Keystone Supply Co., Jeanuette.	10.30	9.56	10.00
6996	Morning Glory Scratch Feed No Grit.	Stemler Brothers, East Mauch Chunk.	10.06	10.00	10.00
		Average, -----	10.21	9.90	-----
7894	Red Comb Coarse Chick, -----	Johnston & Smith, Wilksburg.	10.37	9.50	10.00
7701	Red Comb Coarse Chick, -----	McFarland Supply Co., Greensburg.	11.75	11.00	10.00
		Average, -----	11.06	10.25	-----
7260	Red Comb Scratch Feed, No Grit.	John G. Allen, Beaver Falls.	10.90	9.81	10.00
7891	Red Comb Scratch Feed, No Grit.	The Irwin Muir Co., Braddock.	11.20	10.44	10.00
8003	Red Comb Scratch Feed, No Grit.	Russell Brothers, Washington.	11.11	10.06	10.00
6995	Red Comb Scratch Feed, No Grit.	Stemler Brothers, East Mauch Chunk.	11.40	9.75	10.00
		Average, -----	11.15	10.02	-----
7807	THE H-O CEREAL CO., INC., BUFFALO, N. Y. H-O Steam Cooked Chick Feed, ----	Farmers' Co-operative Co., Inc., Wysox.	10.57	11.06	12.00
7298	HOFFER & GARMAN, INC., HARRISBURG, PA. Chick Feed, -----	Elizabethtown Roller Mills, Elizabethtown.	10.60	10.31	11.64
7082	Chick Feed, -----	Hoffer & Garman, Inc., Harrisburg.	10.90	13.56	11.64
		Average, -----	10.75	11.94	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.15	3-5	3.43	3-5	2 50	-----	Cracked corn, oats, wheat, barley, buckwheat, Kaffir corn, Sample damaged by mould and grain beetles.	7790
3.33	2.50	2.77	5.00	3 40	Wheat, cracked corn, Kaffir corn, barley, oats and buckwheat.	Found also small amount whole weed seeds.	6997
3.03	2.50	3.25	5.00	2 50	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat, sunflower seed.	Found also small amount whole weed seeds.	7259
3.33	2.50	2.63	5.00	1 75	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed, buckwheat and not over 5% grit.	Found also small amount whole weed seeds.	7875
3.85	2.50	2.87	5.00	3 30	Wheat, cracked corn, Kaffir corn, barley, oats and buckwheat.	Found also small amount whole weed seeds.	6996
3.40	-----	2.91	-----	2 85			
2.75	2.00	1.92	5.00	3 70	Wheat, cracked corn, Kaffir corn, millet seed, hulled oats not over 6% grit.	Found also oats and barley.	7894
3.75	2.50	1.92	4.00	2 80	Wheat, cracked corn, Kaffir corn, cracked barley, hulled oats.	Sample infested with grain beetles and in damaged condition.	7701
3.25	-----	1.92	-----	3 25			
3.28	2.50	2.95	5.00	2 75	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed and buckwheat.	As certified, -----	7260
3.63	2.50	2.77	5.00	2 50	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed and buckwheat.	As certified, -----	7891
3.79	2.50	3.99	5.00	2 60	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed and buckwheat.	As certified, -----	8003
3.81	2.50	3.05	5.00	3 50	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed and buckwheat.	Found also trace of whole weed seeds.	6995
3.63	-----	3.19	-----	2 84			
2.70	3.00	1.48	4.00	3 70	Cracked corn, oat meal, cracked wheat cracked Kaffir corn, cracked peas.	Cracked peas not detected. Found also small amount whole weed seeds.	7807
3.90	3.58	2.81	3.33	2 65	Cracked corn, millet, cracked Kaffir corn, cracked wheat.	As certified, -----	7298
5.10	3.58	2.75	3.30	3 75	Cracked corn, millet, cracked Kaffir corn, cracked wheat.	As certified, -----	7082
4.50	-----	2.78	-----	3 20			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
7080	La-O-La Scratch Feed, -----	Hoffer & Garman, Inc., Harrisburg.	11.80	9.44	9-12
	J. F. HOGSETT & Son, UNIONTOWN, PA.				
7757	*Keystone Scratch Feed, -----	J. F. Hogsett & Son, Uniontown.	10.45	12.50	10.00
	INDIANA ROLLER MILLS, INDIANA, PA.				
7915	*Eureka Poultry Feed, -----	Indiana Roller Mills, Indiana.	10.30	10.31	-----
	BURTON JOSEPH CO., CHICAGO, ILL.				
7412	Green Gable Scratch Feed No Grit.	Joshua Stouffer & Son, Huntingdon.	10.37	11.56	10.00
7436	Sushine Scratch Feed, No Grit, ----	Huntingdon Milling Co., Huntingdon.	11.55	9.81	10.00
	KASCO MILLS, WAVERLY, N. Y.				
7808	Kasco Intermediate Chick Feed, ----	Farmers' Co-operative Co., Inc., Wysox.	11.05	10.13	10.00
7797	Kasco Scratch Grain, -----	Farmers' Co-operative Co., Inc., Wysox.	11.47	10.00	10.00
	KERR MILLING CO., TITUSVILLE, PA.				
8185	*Kerco Scratch Grains. -----	Kerr Milling Co., Titus- ville.	11.57	10.13	10.00
	KLEPSEB BROTHERS, MARTINS- BURG, PA.				
7830	Gold Medal Hen Feed, -----	Klepser Brothers, Al- toona.	10.55	9.69	8.00
	H. J. KLINGLER & CO., BUTLER, PA.				
7646	Klingler's A No. 1 Scratch Grain, --	H. J. Klingler & Co., Butler.	11.81	9.75	-----
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7520	Badger Blue Top Chick Feed, -----	Brown & Fassett, Tunk- hannock.	9.99	10.50	9.00
7030	Badger Blue Top Scratch Feed, No Grit.	George W. Engle, Hazle- ton.	10.80	9.56	9.00
7904	Badger Blue Top Scratch Feed, No Grit.	Farmers Exchange, Indi- ana.	10.97	9.44	9.00
	Average, -----		10.88	9.50	-----
7227	Badger Blue Top Scratch Feed With Grit.	Juniata Feed & Flour Co., Tyrone.	11.67	9.25	9.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.23	3-6	3.00	2.15 -2.50	3 25	Cracked corn, wheat buckwheat, oats, Kaffir corn and barley.	Found also sunflower seed and small amount whole weed seeds.	7080
3.49	2.50	2.61	5.00	2 25	Cracked corn, wheat, oats, barley, Kaffir corn, buckwheat and sunflower seed.	As certified, -----	7757
2.73	-----	3.56	-----	3 00	Wheat, buckwheat and cracked corn.	As certified, -----	7915
3.51	2.00	3.08	5.00	2 75	Wheat, cracked corn, Kaffir corn, barley, milo and buckwheat.	As certified, -----	7412
3.27	2.50	2.68	5.00	3 00	Wheat, barley, cracked corn, Kaffir corn, milo, buckwheat and sunflower seed.	As certified, -----	7480
3.26	3.00	2.60	5.00	2 75	Cracked corn, milo, wheat and buckwheat.	Found also oats, ---	7808
3.08	3.00	3.10	5.00	2 50	Barley, buckwheat, cracked corn, Kaffir corn or milo maize, sunflower seed and wheat.	As certified, -----	7797
2.53	3.00	2.61	5.00	2 75	Wheat, cracked corn, oats, buckwheat and sunflower seed.	As certified, -----	8185
3.23	1.50	2.97	4.00	2 50	Wheat, Kaffir corn, barley, cracked Indian corn, buckwheat, oats and grit.	Found also small amount whole weed seeds.	7830
2.97	-----	2.41	-----	2 30	Cracked corn, Kaffir corn, wheat, buckwheat, oats and sunflower seed.	As certified, -----	7646
3.00	1.50	1.95	5.00	3 00	Cracked wheat, cracked corn, cracked Kaffir corn, or milo and millet.	Found also oats, ---	7520
2.95	1.50	2.74	5.00	3 25	Corn, wheat, buckwheat, barley, oats, Kaffir corn, or milo maize, sunflower.	Found also small amount whole weed seeds.	7030
3.19	1.50	2.07	5.00	3 00	Corn, wheat, buckwheat, barley, oats, Kaffir corn, or milo maize, sunflower.	As certified, -----	7904
3.07	-----	2.40	-----	3 13			
2.65	1.50	3.92	5.00	3 60	Corn, wheat, buckwheat, barley, oats, Kaffir corn, or milo maize, sunflower seed and grit.	Grit not detected. Sample slightly mouldy and damaged.	7227

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7061	Badger Cream City Scratch Feed No Grit.	Earley & Detweiler, Paimyra.	10.72	9.63	9.00
7142	Badger Cream City Scratch Feed No Grit.	F. L. Heath, Corry, ---	10.96	9.75	9.00
		Average, -----	10.81	9.69	-----
7544	L. M. KRINER, DUBOIS, PA. Superior Scratch Grain, -----	L. M. Kriner, DuBois, --	10.92	10.94	10.00
7447	LADISH MILLING COMPANY, MILWAUKEE, WIS. National Scratch Feed No Grit, ----	J. J. Gleichert & Co., Altoona.	11.66	9.00	9.50
7446	Record Maker Scratch Feed No Grit.	J. J. Gleichert & Co., Altoona.	6.15	10.00	9.06
7113	Record Maker Scratch Feed No Grit.	Keystone Cash Feed Store, Warren.	10.40	10.44	9.50
		Average, -----	8.27	10.22	-----
7441	True Value Chick Feed, -----	Fay Milling Company, Hollidaysburg.	11.03	10.94	10.00
7923	True Value Scratch Feed, -----	West Apollo Milling Co., Apollo.	11.07	10.00	9.00
8557	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA. Lancaster Scratch Feed No Grit,----	C. C. Hipple & Son, West Chester.	12.20	10.00	10.00
7652	THE MCMILLEN CO., FORT WAYNE, IND. Wayne Scratch Feed, -----	H. J. Klingler & Co., Butler.	10.53	10.19	10.00
7569	MAHONING VALLEY MILLING CO. PUNXSUTAWNEY, PA. *Mahoning Scratch, -----	Mahoning Valley Milling Co., Punxsutawney.	11.53	10.25	10.00
7275	THE MANDEVILLE CO., WILKES-BARRE, PA. Mandeville's Egg Producer, -----	The Mandeville Co., Wilkes-Barre.	10.27	11.25	-----
7452	MARTIN & COMPANY, ALTOONA, PA. Martin's Feed Liberty Standard Mixed Grains.	Martin & Company, Altoona	10.36	10.88	9.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.73	1.50	2.02	5.00	3 25	Corn, wheat, buckwheat oats, Kafir Corn.	Found also barley, --	7001
2.77	1.50	2.43	5.00	3 00	Corn, wheat, buckwheat oats, Kafir Corn.	Found also barley and small amount whole weed seeds.	7142
2.75	-----	2.22	-----	3 13			
3.66	3.00	3.74	5.00	2 50	Wheat, cracked corn, Kafir corn, barley, buckwheat.	Found also sunflower seed.	7544
3.02	2.50	2.12	5.00	2 50	Cracked corn, wheat, barley, Kafir corn or milo maize, oats, buckwheat.	As certified, -----	7447
2.97	3.00	2.69	4.00	2 75	Cracked corn, wheat, barley, Kafir corn or milo maize, buckwheat oats, sunflower seed.	As certified, -----	7446
3.53	2.50	5.94	5.00	2 60	Cracked corn, wheat barley Kafir corn or milo maize, buckwheat oats, sunflower seed.	Found also small amount whole weed seeds.	7113
3.25	-----	4.31	-----	2 68			
3.06	2.50	2.18	5.00	3 25	Cracked corn, cracked wheat, cracked Kafir corn or milo maize, millet seed, oat groats	As certified, -----	7441
3.54	3.00	3.30	5.00	2 45	Cracked corn, wheat, barley, Kafir corn, milo maize, buckwheat 2% sunflower seed.	Found also oats, ---	7923
3.71	3.00	2.62	4.00	2 15	Cracked corn, wheat, Kafir corn, barley, buckwheat, oats, rye, sunflower seed, re- ground grain screen- ings from wheat.	As certified, -----	8357
3.28	3.00	2.81	4.00	2 30	Wheat, corn, Kafir, milo, barley, oats, buckwheat, sunflower seed.	As certified, -----	7652
3.83	1.50	3.81	5.00	2 45	Cracked corn, wheat, buckwheat, Kafir, barley, oats and sun- flower.	As certified, -----	7569
3.23	-----	3.86	-----	2 25	Sunflower seed, milo maize, buckwheat, bar- ley, wheat, Kafir corn, cracked corn.	Found also oats, ---	7275
3.26	4.00	3.44	4.00	2 80	Cracked corn, barley, oats, Kafir corn, buckwheat, peas and sunflower seed.	As certified, -- -----	7452

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6981	MAUSER MILL CO., TREICHLERS, PA. Mauser's Hen Food, -----	Mauser Mill Co., Allentown.	% 11.62	% 9.13	% 9-10
6994	Mauser's Hen Food, -----	Stemler Brothers, East Mauch Chunk.	11.37	9.75	9-10
		Average, -----	11.49	9.44	-----
7280	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Little Chick Feed, -----	Miner-Hillard Milling Co. Wilkes-Barre.	12.47	9.56	-----
8095	Mixed Chicken Feed, -----	Miner-Hillard Milling Co. Plymouth.	9.67	9.50	8.00
7278	Mixed Chicken Feed, -----	Miner-Hillard Milling Co. Wilkes-Barre.	10.65	9.63	8.00
		Average, -----	10.16	9.57	-----
8093	No. 1 Scratch Feed, -----	Miner-Hillard Milling Co. Plymouth.	11.03	10.06	8.00
7279	No. 1 Scratch Feed, -----	Miner-Hillard Milling Co. Wilkes-Barre.	11.61	10.44	-----
		Average, -----	11.32	10.25	-----
7688	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y. Mystic Scratching Grains Best for Hens.	E. P. Case & Son, Troy	11.32	10.19	10-12
7729	NEW ERA MILLS, MANSFIELD, PA. New Era Mills Hen Feed, -----	New Era Mills, Mansfield	10.42	10.88	10.00
7171	NICKLE PLATE FLOUR MILLS, ERIE, PA. Nickle Plate Scratch Feed No Grit...	Nickle Plate Flour Mill's, Erie.	9.62	10.94	9.00
7160	NOWAK MILLING CORPORATION, N. Y. Domino Formerly Justice Chick Feed	W. J. Carroll Sons, Erie.	10.08	11.88	11.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.91	2-3	2.45	3-4	3 10	Pure cracked corn, oats wheat, barley, Kafir corn, buckwheat, sunflower seed.	Found also small amount whole weed seeds.	6981
3.16	2-3	3.31	3-4	3 40	Pure cracked corn, oats, wheat, Kafir corn, barley, buckwheat, sunflower seed.	Found also small amount whole weed seeds.	6.94
3.04	-----	2.88	-----	3 25			
2.98	-----	2.80	-----	2 75	Made from pure grain.	Cracked corn, wheat, Kafir corn, millet and cracked peas.	7280
3.17	2.00	2.97	4.00	2 15	Coarse hominy, Kafir corn, buckwheat grains wheat, cracked corn, grit, cracked peas, sunflower seed, barley, milo maize.	As certified, -----	8095
3.20	2.00	2.59	4.00	2 05	Coarse hominy, Kafir corn, buckwheat grains wheat, cracked corn, grit, cracked peas, sunflower seed, barley, milo maize.	Cracked peas not detected.	7278
3.19	-----	2.78	-----	2 10			
3.63	2.00	2.96	4.00	2 15	Milo maize, coarse hominy, Kafir corn, buckwheat grain, wheat, cracked peas, barley, sunflower seed.	Found also oats. ---	8093
3.11	-----	2.58	-----	2 25	Made from pure grain.	Cracked corn, wheat oats, barley, buckwheat, Kafir corn, sunflower seed and cracked peas.	7279
3.57	-----	2.77	-----	2 25			
3.57	2-3	2.76	3.00 -3.5	2 20	-----	Cracked corn, wheat, oats, barley, buckwheat, Kafir corn, sunflower seed and small amount small whole weed seeds.	7688
3.76	3.00	2.45	6.00	2 50	Cracked corn, oats, buckwheat, milo maize barley, wheat.	As certified, -----	7729
4.05	8.00	3.90	10.00	2 60	Corn, wheat, barley, buckwheat, milo maize or Kafir corn and sunflower seed.	As certified, -----	7171
4.32	2.00	1.53	5.00	7 00	Hulled oats, green pea chick cracked wheat and cracked corn.	As certified, -----	7109

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7848	Domino Formerly Justice Chick Feed	Muth Brothers, Elizabeth-town.	% 11.42	% 11.38	% 11.00
		Average, -----	10.75	11.63	-----
7163	Domino Pigeon Feed, -----	W. J. Carroll Sons, Erie.	10.60	12.56	10.00
7161	Marathon Chick Feed, -----	W. J. Carroll Sons, Erie,	11.95	10.25	11.00
7159	Marathon Scratch Feed, -----	W. J. Carroll Sons, Erie,	11.50	9.75	10-12
7433	Marathon Scratch Feed, -----	Fay Milling Company, Hollidaysburg.	11.57	10.44	10-12
7126	Marathon Scratch Feed, -----	Hammond Elevator Co., Corry.	12.40	9.56	10-12
		Average, -----	11.82	9.92	-----
8290	OMAHA ALFALFA MILLING CO., OMAHA, NEBR. Pioneer Hen Scratch, -----	Woodward & Company, Philadelphia.	9.67	10.75	10.00
7363	THE PARK & POLLARD CO., BOSTON, MASS. & CHICAGO, ILL. Intermediate Chick Feed, -----	Elmer Eby, Lititz, -----	9.81	10.25	10.00
8251	Pigeon Feed, -----	Shamokin Milling Co., Shamokin.	11.12	12.69	10.00
7881	Pontiac Scratch Feed, -----	R. S. Altman, Irwin,	11.60	10.06	10.60
8293	Pontiac Scratch Feed, -----	Ezl. Dunwoody Co., Philadelphia.	10.25	10.63	10.00
7926	Pontiac Scratch Feed, -----	J. A. McKelvey, Blairsville.	10.75	10.44	10.00
		Average, -----	10.85	10.38	-----
8058	Red Ribbon Scratch Feed, -----	F. W. Dawson & Son, Williamsport.	10.18	9.63	10.00
7364	Red Ribbon Scratch Feed, -----	Elmer Eby, Lititz, -----	11.23	10.00	10.00
		Average, -----	10.70	9.82	-----
7907	PENN ROLLER MILLS, INDIANA, PA. *Royal Poultry Feed, -----	Penn Roller Mills, Indiana.	10.57	10.19	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.93	2.00	1.39	5.00	2 53	Rollod oats, green peas, chick cracked wheat and cracked corn.	As certified, -----	7818
4.13	-----	1.40	-----	4 93			
2.53	3.00	3.50	5.00	3 90	Field peas, buckwheat, milo maize, wheat.	Found also rye, Kaffir corn and trace of whole weed seeds.	7163
3.65	2.00	1.51	5.00	7 00	Wheat, corn, hulled oats and split green peas.	As certified, -----	7161
3.60	3.00	2.42	5.00	3 10	Corn, milo maize, wheat barley, buckwheat.	Found also rye, -----	7159
3.51	3.00	2.43	5.00	2 50	Cracked corn, milo maize, wheat, barley, sunflower.	Sunflower seed not detected.	7433
3.42	3.00	2.08	5.00	3 00	Wheat, milo maize, buckwheat, cracked corn, barley.	As certified, -----	7126
3.51	-----	2.31	-----	2 87			
3.53	2.50	3.64	6.00	34 00	Corn, oats, barley, milo, Kaffir, wheat.	As certified, -----	8290
2.01	1.50	2.32	5.00	74 60	Corn, hulled barley, wheat, buckwheat, hulled oats, millet seed, Kaffir corn, milo maize.	As certified, -----	7363
2.62	1.50	2.33	5.00	4 60	Kaffir, milo, wheat, peas, buckwheat, oat groats and millet.	As certified, -----	8251
3.51	1.50	2.66	5.00	2 35	Cracked corn, wheat, barley, buckwheat, oats, Kaffir corn and milo.	As certified, -----	7851
3.41	1.50	2.88	5.00	1 90	Cracked corn, wheat, barley, buckwheat, oats, Kaffir corn and milo.	As certified, -----	8293
3.31	1.50	2.90	5.00	2 75	Cracked corn, wheat, barley, buckwheat, oats, Kaffir corn and milo.	As certified, -----	7926
3.41	-----	2.81	-----	2 33			
3.53	1.50	2.91	5.00	2 95	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified, -----	8058
3.56	1.50	2 92	5.00	53 60	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified, -----	7364
3.54	-----	2.91	-----	56.00			
2.91	-----	3.13	-----	3.60	Wheat, corn, barley, buckwheat and oats.	Found also small amount whole weed seeds.	7907

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.				
7924	Early Egg Scratch Feed, -----	R. R. Martin, Saltsburg,	% 11.15	% 10.50	% 9.00
7919	Garland Scratch Feed, -----	Eakin Brothers, Vandergrift.	11.52	10.06	9.00
7946	Garland Scratch Feed, -----	C. Kellner & Sons, Pittsburgh.	11.37	10.13	9.00
		Average, -----	11.44	10.10	-----
7944	Red Crown Scratch Feed, -----	William Fischer's Sons, Pittsburgh.	10.15	9.88	9.00
8006	Red Crown Scratch Feed, -----	J. K. Lawson, Washington.	10.79	11.13	9.00
7993	Red Crown Scratch Feed, -----	Washington Milling Co., Washington.	11.17	10.44	9.00
		Average, -----	10.70	10.48	-----
	PRATT FOOD COMPANY, CHICAGO, ILL.				
7888	Pratt's Scratch Feed, -----	Braddock Feed & Supply House, Braddock.	10.65	10.44	10.00
	PRESTON BROTHERS, CANTON, PA.				
7667	Preston's Best Scratch Grains, -----	Preston Brothers, Canton.	11.66	9.06	8.-12.
	PRESTON & JAQUISH, TROY, PA.				
7686	Scratch Feed, -----	Preston & Jaquish, Troy,	11.22	11.25	9.50
	THE QUAKER OATS CO., CHICAGO, ILL.				
7681	Blue Ribbon Developing Feed, -----	Canton Mercantile Co., Canton.	11.79	11.50	10.00
8211	Blue Ribbon Little Chick Feed, -----	L. Ritter, St. Marys, ---	11.32	11.69	11.00
7674	Blue Ribbon Scratch Feed, -----	Canton Mercantile Co., Canton.	10.65	10.25	11.00
8096	Blue Ribbon Scratch Feed, -----	Plymouth Mill & Grain Co., Plymouth.	9.70	10.44	11.00
		Average, -----	10.17	10.35	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 3.47	% 2.50	% 2.81	% 4.00	\$ 2 45	Wheat, sifted cracked corn, barley, oats, Kaffir corn, whole wheat screenings and buckwheat.	As certified, -----	7924
4.05	2.50	2.90	4.00	2 50	Wheat, sifted cracked corn, barley, oats, Kaffir corn, buckwheat and sunflower seed.	As certified, -----	7919
3.56	2.50	2.67	4.00	2 50	Wheat, sifted cracked corn, barley, oats, Kaffir corn, buckwheat and sunflower seed.	As certified, -----	7946
3.81	-----	2.78	-----	2 50			
3.23	2.50	2.40	4.00	2 35	Wheat, sifted cracked corn, barley, oats, Kaffir corn, buckwheat and sunflower seed.	As certified, -----	7944
3.63	2.50	4.62	4.00	2 50	Wheat, sifted cracked corn, barley, oats, Kaffir corn, buckwheat and sunflower seed.	Found also small amount small whole weed seeds.	8009
3.65	2.50	2.54	4.00	2 00	Wheat, sifted cracked corn, barley, oats, Kaffir corn, buckwheat and sunflower seed.	Found also small amount small whole weed seeds.	7990
3.50	-----	3.18	-----	2 26			
3.81	2.50	3.36	5.00	2 25	Wheat, oats, cracked corn, barley, Kaffir, milo, buckwheat and sunflower seed.	As certified, -----	7888
3.17	3.-6.	4.07	3.-6.	2 25	Cracked corn, oats, buckwheat, wheat, sunflower seed.	As certified, -----	7667
3.36	2.50	3.58	4.50	2 20	Cracked corn, wheat, buckwheat and oats.	As certified, -----	7686
2.80	3.00	2.48	5.00	2 05	Cracked corn, Kaffir, wheat, buckwheat, peas, millet, milo maize.	As certified, -----	7681
3.16	3.00	2.12	5.00	4.00	Cracked corn, cracked wheat, cracked milo maize, cracked Kaffir corn, cracked peas, millet, oat meal.	As certified, -----	8211
4.06	3.00	3.11	4.00	2 50	Cracked corn, whole milo maize, whole Kaffir corn, whole wheat, whole barley, whole buckwheat, cracked peas, sunflower seed.	As certified, -----	7674
3.47	3.00	3.00	4.00	2 65	Cracked corn, whole milo maize, whole Kaffir corn, whole wheat, whole barley, whole buckwheat, cracked peas, sunflower seed.	As certified, -----	8009
3.77	-----	3.05	-----	2 68			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7917	Early Bird Scratch Grains, -----	Thomas K. George, Homer City.	% 10.30	% 9.61	% 10.00
7405	Ful-O-Pep Chick Feed, -----	Cash Feed & Supply Co., Huntingdon.	10.00	14.38	14.00
7004	Ful-O-Pep Chick Feed, -----	D. O. Christman, Weiss- port.	9.97	13.44	14.00
		Average, -----	9.98	13.91	-----
8043	Ful-O-Pep Scratch Grains, -----	King Feed Company, Williamsport.	10.81	9.44	10.00
8243	Ful-O-Pep Scratch Grains, -----	Peoples' Cash Grocery, Jersey Shore.	10.97	9.88	10.00
		Average, -----	10.89	9.66	-----
7771	Pansy 'Scratch Grains No Grit, -----	F. E. Clark, Johnstown,	10.67	10.81	10.00
7912	Pansy Scratch Grains No Grit, -----	Linus M. Lewis, Indiana,	10.90	9.38	10.00
7425	Pansy Scratch Grains No Grit, -----	Reeves, Parvin & Co., Huntingdon.	10.79	10.31	10.00
		Average, -----	10.78	10.17	-----
7255	Pansy Scratch Grains, With Grit, --	The Bechtel Co., Monaca,	9.67	9.75	10.00
7816	Quaker Chick Feed, -----	F. E. Farabaugh, Patton	11.45	10.75	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.04	2.50	1.56	5.00	2 40	Cracked corn, whole barley, whole wheat, whole Kafir corn, whole milo maize, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	7917
3.68	3.50	1.11	3.00	3 75	Cracked corn, cracked wheat, oat meal, fish meal.	As certified, -----	7405
4.40	3.50	0.85	3.00	4 50	Cracked wheat, fish meal, cracked Indian corn.	Found also cut hulled oats, cracked Kafir corn and small amount whole weed seeds.	7604
4.04	-----	0.98	-----	4 15			
1.98	2.50	1.63	5.00	2 65	Cracked corn, whole barley, whole wheat, whole Kafir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	8043
2.21	2.50	1.91	5.00	2 80	Whole wheat, whole barley, whole Kafir corn, whole milo maize, cracked corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	8243
2.10	-----	1.77	-----	2 73			
1.78	2.50	1.68	5.00	2 65	Whole wheat, whole Kafir corn and milo, whole barley, cracked Indian corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seed, whole oats.	As certified, -----	7771
1.80	2.50	1.62	5.00	3 00	Whole wheat, whole oats, whole Kafir corn, whole milo maize, cracked corn, $\frac{1}{2}$ of 1% sunflower seed, whole buck- wheat.	As certified, -----	7912
2.21	2.50	2.19	5.00	2 25	Whole wheat, whole Kafir and milo, whole barley, cracked Indian corn, whole buck- wheat, $\frac{1}{2}$ of 1% sun- flower seeds.	As certified, -----	7425
1.93	-----	1.83	-----	2 63			
2.05	2.50	2.90	5.00	2 75	Whole wheat, whole barley, whole Kafir and milo, whole buck- wheat, $\frac{1}{2}$ of 1% sun- flower seeds, cracked Indian corn, marble grits 6%.	As certified, -----	7255
2.47	2.00	2.41	5.00	3 00	Cracked corn, cracked Kafir corn, cracked milo, cracked wheat, oat meal, millet, $\frac{1}{2}$ of 1% charcoal.	As certified, -----	7816

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7401	*Schumacher Little Chick Feed, No Grit.	Ross E. Goodman, Huntingdon.	% 11.22	% 10.63	% 10.00
7233	Schumacher Little Chick Feed No Grit.	Juniata Feed & Flour Co. Tyrone.	11.20	10.44	10.00
7121	*Schumacher Little Chick Feed No Grit.	Keystone Cash Feed Store Warren.	10.92	10.69	10.00
7270	*Schumacher Little Chick Feed No Grit.	The Mandeville Co., Wilkes-Barre.	11.67	11.13	10.00
7369	*Schumacher Little Chick Feed No Grit.	Paradise Farmers' Association, Inc., Vintage.	11.41	11.00	10.00
		Average, -----	11.28	10.77	-----
7266	Schumacher Scratch Grains, No Grit	The Bachtel Co., Monaca.	10.80	9.94	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.78	2.50	2.02	5.00	3 75	Cracked wheat, cracked Kaffir and milo, cracked Indian corn, whole millet seed, oat meal, wild buckwheat (with not to exceed 2% miscellaneous wild seeds occurring in above seeds and grains), charcoal with not to exceed 1% poultry charcoal.	Found also a large amount of whole weed seeds.	7401
3.10	2.50	3.11	5.00	2 90	Cracked wheat, cracked Kaffir and milo, cracked Indian corn, whole millet seed, oat meal, wild buckwheat with not to exceed $\frac{1}{2}$ of 1% miscellaneous wild seeds occurring in above seeds and grains, charcoal with not to exceed 1% poultry charcoal.	Found also large amount whole weed seeds.	7233
3.18	2.50	2.46	5.00	3 50	Cracked wheat, cracked Kaffir and milo, cracked Indian corn, whole millet seed, oat meal, wild buckwheat (with not to exceed 1% miscellaneous wild seeds occurring in above seeds and grains), charcoal with not to exceed 1% poultry charcoal.	Found also large amount whole weed seeds.	7121
4.03	2.50	2.42	5.00	2 65	Cracked wheat, cracked Kaffir and milo, cracked Indian corn, whole millet seed, oat meal, wild buckwheat, (with not to exceed 2% miscellaneous wild seeds occurring in above seeds and grains), charcoal, with not to exceed 1% poultry charcoal.	Found also large amount whole weed seeds.	7270
2.98	2.50	3.03	5.00	2 60	Cracked wheat, cracked Kaffir corn, cracked corn, oat meal, cracked milo maize, millet seed, wild buckwheat (with not to exceed 2% miscellaneous wild seeds occurring in above seeds and grains), $\frac{1}{2}$ of 1% charcoal, with not to exceed 1% poultry charcoal.	Found also oats and small amount flaxseed and large amount whole weed seeds.	7309
3.21	-----	2.60	-----	3 08			
1.94	2.50	2.65	5.00	2 90	Whole wheat, whole barley, whole Kaffir and milo, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seeds, cracked Indian corn.	Found also oats, ----	7256

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
70	Schumacher Scratch Grains, No Grit	D. O. Christman, Weissport.	% 10.35	% 9.56	% 10.00
781.	Schumacher Scratch Grains, No Grit	F. E. Farabaugh, Patton	11.30	9.50	10.00
7055	Schumacher Scratch Grains, No Grit	Jalappa Grain Elevator, Pottsville.	10.40	11.19	10.00
7234	Schumacher Scratch Grains, No Grit	Juniata Feed & Flour Co., Tyrone.	10.67	9.63	10.00
7117	Schumacher Scratch Grains, No Grit	Keystone Cash Feed Store, Warren.	10.25	10.19	10.00
7705	Schumacher Scratch Grains, No Grit,	F. E. Painter, Mt. Pleasant.	10.72	10.38	10.00
7311	Schumacher Scratch Grains, No Grit,	Paradise Farmers' Association, Inc., Vintage.	11.87	9.69	10.00
7934	Schumacher Scratch Grains, No Grit,	D. F. Salyards, Pitcairn.	10.57	10.00	10.00
		Average, -----	10.77	10.01	-----
7673	Star Scratching Grains, -----	Canton Mercantile Co., Canton.	10.88	10.19	10-11
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
7721	Purina Baby Chick Chow Feed, ----	Farmers' Co-operative Union, Mansfield.	11.15	10.25	10.00
7865	Purina Hen Chow (Scratch Feed), --	O. S. Ebersole & Co., Penbrook.	11.57	10.13	10.00
7720	Purina Hen Chow (Scratch Feed), --	Farmers' Co-operative Union, Mansfield.	10.52	10.56	10.00
7429	Purina Hen Chow (Scratch Feed), --	Huntingdon Milling Co., Huntingdon.	11.27	9.69	10.00
7626	Purina Hen Chow (Scratch Feed), --	Knabe Brothers, Turtle Creek.	10.75	10.13	10.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.27	2.50	2.00	5.00	3 50	Whole wheat, whole barley, whole Kaffir and millo, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seeds, cracked Indian corn.	As certified, -----	7005
2.03	2.50	1.82	5.00	3 60	Whole wheat, whole Kaffir corn and millo, whole barley, cracked Indian corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	7817
2.48	2.50	3.00	5.00	3 25	Whole wheat, whole Kaffir corn and millo, whole barley, cracked Indian corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	7055
1.90	2.50	2.37	5.00	2 60	Whole wheat, whole Kaffir corn, whole milo maize, whole barley, cracked corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seeds.	As certified, -----	7234
2.24	2.50	2.72	5.00	2 60	Whole wheat, whole Kaffir corn, whole milo maize, whole barley, cracked corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seeds.	As certified, -----	7117
1.99	2.50	1.95	5.00	2 50	Whole wheat, whole Kaffir corn, whole milo maize, whole barley, ground corn, whole buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	7705
2.06	2.50	2.48	5.00	2 50	Whole wheat, whole barley, whole Kaffir corn, whole milo maize, cracked corn, $\frac{1}{2}$ of 1% sunflower seed, whole buckwheat.	Found also oats and small amount whole weed seeds.	7311
2.03	2.50	1.93	5.00	2 75	Whole wheat, whole barley, whole Kaffir corn whole milo maize, cracked corn, $\frac{1}{2}$ of 1% sunflower seed, whole buckwheat.	As certified, -----	7934
2.10	-----	2.32	-----	2 84			
3.85	2-5	2.62	4-6	2 40	Oats, cracked corn, Kaffir, wheat, barley, buckwheat, wheat screenings.	Found also small amount small whole weed seeds.	7673
2.69	2.50	2.15	4.00	3 50	Wheat, corn, Kaffir, milo and millet.	As certified, -----	7721
3.70	2.50	2.62	4.00	2 90	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, -----	7835
2.81	2.50	2.55	4.00	3 25	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, -----	7720
3.17	2.50	2.54	4.00	3 25	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, -----	7429
3.74	2.50	2.85	4.00	3 00	Wheat, corn, barley, Kaffir corn, milo, buckwheat.	As certified, -----	7936

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8055	Purina Hen Chow (Scratch Feed), --	S. G. Updegraff & Son, Williamsport.	% 10.39	% 9.81	% 10.00
		Average, -----	10.90	10.06	-----
7684	H. ROCKWELL & SON, CANTON, PA. Scratch Feed, -----	H. Rockwell & Son, Canton.	11.20	11.25	8.00
7943	ROSENBAUM BROTHERS, CHICA- GO, ILL. 77 Scratch Feed, -----	William Fischer's Sons, Pittsburgh.	10.30	10.44	10.00
8252	SHAMOKIN MILLING CO., SHA- MOKIN, PA. *Golden Egg Hen Food, -----	Shamokin Milling Co., Shamokin.	11.22	9.94	-----
7920	SHAMROCK MILLS, ST. LOUIS, MO. Shamrock Hen Feed, -----	L. Todd Owens, Apollo,	11.75	10.81	10.00
7860	D. A. STICKELL & SONS, HAGERSTOWN, MD. *Blue Ridge Chick Feed, -----	O. S. Ebersole & Co., Penbrook.	11.90	9.13	10.00
6890	SWOPE BROTHERS, JOHNS- TOWN, PA. Excelsior Chicken Feed, -----	Swope Brothers, Johns- town.	9.15	9.13	9.00
7522	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y. Ti-O-Ga Poultry Grain, -----	J. C. Harrington Co., Montrose.	10.57	9.81	9.00
8017	F. E. TRUCKENMILLER, WAT- SONTOWN, PA. Satin Hen Food, -----	Sterling & Sherwood, Mest'ppen.	11.98	9.94	10.00
7494	C. B. TYLER, MESHOPPEN, PA. Red Hen Mixed Chicken Grains, ---	C. B. Tyler, Tunkhan- nock.	10.27	9.38	9-12
7194	TYRONE MILLING CO., TYRONE, PA. Scratch Grain, -----	Tyrone Milling Co., Tyrone.	11.47	10.69	-----
8225	THE UBIKO MILLING CO., CIN- CINNATI, OHIO. Ubiko Scratch Feed, -----	Herzog Milling Co., Smethport.	9.35	10.69	10.00
7873	Ubiko Scratch Feed, -----	H. H. Lysinger & Son, Bedford.	10.55	8.81	10.00
		Average, -----	9.95	9.75	-----

Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.29	2.50	2.70	4.00	2 90	Corn, barley, Kaffir, milo, buckwheat and sunflower.	Found also small amount whole weed seeds.	8055
3.34	-----	2.65	-----	3 06			
3.97	2.00	2.92	5.00	2 25	Wheat, corn, oats, buckwheat, Kaffir corn sunflower seed.	As certified, -----	7684
3.24	2.00	2.30	7.00	2 35	Wheat, sifted cracked corn, Kaffir, barley, oats, buckwheat and sunflower seed.	As certified, -----	7943
3.55	-----	2.67	-----	2 60	Wheat, buckwheat, corn Kaffir corn, oats.	As certified, -----	8252
3.35	3.00	2.94	3.50	2 50	Wheat, cracked corn, Kaffir corn, barley, sunflower seed and buckwheat.	As certified, -----	7920
2.80	2.50	1.76	5.00	3 15	Corn, wheat, Kaffir, millet, oats.	As certified, -----	7860
2.58	2.50	2.41	-----	3 65	Corn, Kaffir corn, buckwheat, wheat, oats, barley, sunflower seed, milo maize, grit, oyster shells.	Sunflower seed and oyster shell not detected.	6890
3.19	2.08	2.20	4.79	2 75	Cracked corn, wheat, buckwheat, Kaffir corn oats, barley.	As certified, -----	7522
3.08	2.50	2.63	5.00	2 75	Sunflower seed, oats, buckwheat, Kaffir corn cracked corn, wheat, wheat screenings, charcoal.	Charcoal not detected.	8017
3.75	2-5	3.70	4.00	2 40	Wheat, corn, buckwheat Kaffir corn, oats.	As certified, -----	7494
2.75	-----	3.38	-----	3 00	Cracked corn, buckwheat, wheat, Kaffir corn and oats.	Found also small amount whole weed seeds.	7194
3.80	2.50	2.95	5.00	2 50	Corn, wheat, oats, barley, buckwheat, Kaffir corn, sunflower seed.	As certified, -----	8225
1.61	2.50	1.86	5.00	2 60	Corn, wheat, oats, barley, buckwheat, Kaffir corn, sunflower seed.	As certified, -----	7878
3.71	-----	2.40	-----	2 65			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Prot. in.	
				Found.	Guaranteed.
	GEO. WALTER & SONS, BUTLER, PA.		%	%	%
7656	*Byrlite Chick Grain, -----	Geo. Walter & Sons, Butler.	11.43	12.06	13.00
7657	*Byrlite Scratch Feed, -----	Geo. Walter & Sons, Butler.	11.15	9.61	6-10
	WALTON BROTHERS, PHILADEL. PA.				
7484	Peerless Scratch Feed, -----	H. B. Cassel & Son, Philadelphia.	11.24	10.00	9.00
	WARREN CITY MILLS, WARREN, PA.				
7105	Scratch Feed, -----	Warren City Mills, Warren.	10.42	10.65	-----
	A. F. WENTZ, JERSEY SHORE, PA.				
8238	*Scratch Grains Fills The Basket, --	A. F. Wentz, Jersey Shore.	9.95	10.31	10.00
	F. C. WILLIAMS, EASTON, PA.				
6976	Williams' Star Scratch Feed, -----	F. C. Williams, Easton,	11.72	10.44	9.00
	J. M. WYCKOFF, EAST STROUDS-BURG, PA.				
6923	Scratch Grains, -----	J. M. Wyckoff, East Stroudsburg.	9.77	9.94	6-10
	MASH FEED.				
	AMERICAN MILLING COMPANY, PEORIA, ILL.				
7438	*Suerene Chick Mash for Growing Chicks.	Fay Milling Company, Hollidaysburg.	9.92	18.86	18.00
7631	*Suerene Chick Mash For Growing Chicks.	H. Z. Pride & Son, Westfield.	9.53	18.94	18.00
		Average, -----	9.72	18.91	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
3.56	2.00	2.38	3.50	3 10	Cracked wheat, corn, oats, millet seed, and fish scraps.	As certified, -----	7656
2.83	2-4	6.03	4-10	2 75	Cracked corn, wheat, oats, barley, buckwheat.	As certified, -----	7657
3.45	2.50	3.33	5.00	2 50	Corn, wheat, buckwheat, barley, oats, Kafir corn or milo maize.	Found also small amount whole weed seeds.	7484
3.63	-----	3 29	-----	2 35	Cracked corn, wheat, buckwheat, barley, oats, milo and sunflower.	Found also small amount whole weed seeds.	7106
3.15	2.50	3.92	5.00	2 50	Wheat, buckwheat, cracked corn and oats.	Found also small amount whole weed seeds.	8238
3.11	2.50	3.02	3.50	3 35	Wheat, barley, corn, charcoal, Kafir corn, buckwheat, sunflower seed.	Found also oats and small amount whole weed seeds.	5676
3.56	2-6	3.60	5.00	2 75	Cracked corn, Kafir corn, wheat, oats, barley, sunflower seeds, buckwheat.	As certified, -----	6923
4.80	4.00	7.75	10.00	4 50	Dried buttermilk, blood flour, linseed meal, prime peanut meal, wheat middlings, wheat bran, corn feed meal, alfalfa meal, ground and bolted, wild buckwheat and wheat, 1 % bone meal, 1% salt and 2% calcium carbonate.	Found also screenings oil cake meal.	7438
4.55	4.00	9.19	10.00	3 50	Dried buttermilk, blood flour, linseed meal, prime peanut meal, wheat middlings, wheat bran, corn feed meal, alfalfa meal, ground and bolted, wild buckwheat and wheat, 1 % bone meal, 1% salt and 2% calcium carbonate.	Found also small amount peanut hulls.	7631
4.68	-----	8.47	-----	4 00			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8036	Sucrene Poultry Mash, -----	Excelsior Flour & Feed Co., Freedom.	% 9.06	% 19.06	% 18.00
7439	Sucrene Poultry Mash, -----	Fay Milling Company, Hollidaysburg.	9.46	18.50	18.00
7630	*Sucrene Poultry Mash, -----	H. Z. Pride & Son, Westfield.	9.88	20.00	18.00
		Average, -----	9.44	19.19	-----
6871	J. B. ANDERSON & SON, SHICKSHINNY, PA. Laying Mash, -----	J. B. Anderson & Son, Shickshinny.	7.65	17.22	-----
7989	ARCADY FARMS MILLING CO., CHICAGO, ILL. Arcady Buttermilk Egg Mash, -----	Canonsburg Milling Co., Canonsburg.	8.89	19.19	20.00
7931	Arcady Buttermilk Egg Mash, -----	Jesse C. Stewart & Co., Pittsburgh.	9.05	19.81	20.00
7420	Arcady Buttermilk Egg Mash, -----	Joshua Stouffer & Son, Huntingdon.	9.72	21.81	20.00
		Average, -----	9.22	20.24	-----

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.67	3.50	7.50	12.00	3 00	Corn feed meal, alfalfa meal, meat scraps, wheat bran, linseed meal, wheat middlings, dried buttermilk and salt.	Dried buttermilk not detected. Meat scrap identified as tankage. Found also small amount ground grain screenings.	8036
4.69	3.50	7.08	12.00	3 25	Corn feed meal, alfalfa meal, meat scraps, wheat bran, linseed meal, wheat middlings, dried buttermilk and salt.	Found also screenings oil cake meal.	7439
4.56	3.50	6.52	10.00	3 50	Dried buttermilk, corn feed meal, meat scraps, linseed meal, wheat middlings, wheat bran, alfalfa meal, ground oats, ground and bolted wild buckwheat, salt and calcium carbonate.	Meat scrap identified as tankage.	7630
4.61		7.03		3 25			
5.30		10.83		3 45	Alfalfa meal, corn meal, oil meal, ground oats, charcoal, gluten Hen E-Ta bone meal, wheat bran, beef scrap Schumacher feed, wheat standard middlings, 1% salt.	Found also as supplied by Schumacher feed, hominy feed, yellow hominy feed, ground barley, oat meal mill by-product (oat middlings, oat hulls) ground puffed rice and wheat, alfalfa meal, cottonseed meal and calcium phosphate.	6871
4 60	4.50	7.13	9.00	3 50	Dried buttermilk, meat scraps, wheat bran, wheat middlings, O. P. linseed oil meal, cottonseed meal, corn gluten feed, corn feed meal, oat meal, oat middlings, steamed bone meal, $\frac{1}{2}$ of 1% salt, alfalfa meal.	Dried buttermilk not detected. Found also ground Kaffir corn and tankage.	7989
6.06	4.50	6.53	9.00	2 75	Dried buttermilk, meat scraps, wheat bran, wheat middlings, O. P. linseed oil meal, cottonseed meal, corn gluten feed, corn feed meal, oat meal, oat middlings, steamed bone meal, $\frac{1}{2}$ of 1% salt, alfalfa meal.	Meat scraps identified as tankage. Found also small amount ground grain screenings.	7931
4.65	4.50	8.05	9.00	3 50	Dried buttermilk, meat scraps, wheat bran, wheat middlings, O. P. linseed oil meal, cottonseed meal, corn gluten feed, corn feed meal, oat meal, oat middlings, steamed bone meal, $\frac{1}{2}$ of 1% salt, alfalfa meal.	Found also small amount marble grit.	7420
5.10		7.24		3 25			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7827	A cady Buttermilk Growing Mash,	Leibovitz Feed Mills, Altoona.	% 19.87	% 16.75	% 17.00
7419	A cady Buttermilk Growing Mash,	Joshua Stouffer & Son, Huntingdon.	9.69	17.38	17.00
		Average, -----	10.28	17.07	-----
7047	BLANK & GOTTSHALL COMPANY, INC., SUNBURY, PA. B. & G. Hen Food, -----	Hewes & McNamara, Pottsville.	10.35	10.13	10.00
7370	B. & G. Laying Mash with Buttermilk.	Blank & Gottshall Company, inc., Sunbury.	9.41	17.50	17.00
7366	B. & G. Mash Food, -----	Blank & Gottshall Company, Inc., Sunbury.	7.67	16.31	15.00
8283	B. & G. Mash Food, -----	H. C. Jackson Supply Co., Lewistown.	8.55	21.00	15.00
		Average, -----	8.11	18.66	-----
7744	BLATCHFORD CALF MEAL COMPANY, WAUKESHA, ILL. Blatchford's Milk Mash, -----	Farmers' Co-operative Mercantile Co., Skimmers Eddy.	9.10	20.13	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.72	4.00	6.65	8.00	3 00	Dried buttermilk, meat scraps, oat meal, oat middlings, wheat bran, wheat middlings, linseed oil meal, corn gluten feed, corn feed meal, steamed bone meal, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Dried buttermilk not detected. Found also ground Kaffir corn and tankage.	7327
5.30	4.00	7.27	3.00	3 50	Dried buttermilk, meat scraps, oat meal, oat middlings, wheat bran, wheat middlings, linseed oil meal, corn gluten feed, corn feed meal, steamed bone meal, alfalfa meal and $\frac{1}{2}$ of 1% salt.	Found also ground Kaffir corn.	7419
4.51	-----	6.96	-----	3 25			
3.27	2.25	3.20	3.50	3 00	Cracked corn, wheat, Kaffir corn, buckwheat barley, charcoal, sunflower seed, oats and Hen-E-Ta bone.	Found also small amount whole weed seeds.	7047
5.62	5.00	6.11	6.50	3 75	Corn feed meal, oat middlings, gluten feed, wheat bran, wheat middlings, alfalfa meal, linseed meal, meat meal, charcoal, salt and powdered buttermilk.	Buttermilk not detected.	7376
4.71	3.00	6.64	5.00	3 00	Corn meal, bran, gluten meal, pea meal, alfalfa meal, fish scrap meal, Hen-E-Ta linseed meal.	Found also ground Kaffir corn and ground grain screenings, bone and grit.	7266
5.01	3.00	6.67	5.00	3 10	Corn meal, middlings, bran, gluten meal, bone meal, alfalfa meal, fish scraps, meat meal, linseed meal.	Found also small amount ground grain screenings.	8283
4.86	-----	6.65	-----	3 05			
5.56	4.00	6.29	7.50	5 00	Blatchford's Calf Meal, locust bean meal, unpressed flaxseed, wheat flour, barley and malt sprout meal, blood flour, ground beans and peas, rice polish, old process oil meal, cocoa shell meal, coconut meal, re-cleaned cottonseed meal, feenugreek dried milk, anise and salt. Also bone, corn and oat meals, wheat middlings, meat scraps, fish and powdered limestone.	Meat scrap identified as tankage. Locust bean meal, barley and malt sprout meal not detected. Found also trace of rice hulls.	7744

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7510	BROWN & FASSETT, TUNKHAN- NOCK, PA. Favorite Dry Mash, -----	Brown & Fassett, Tunk- hannock.	% 5.25	% 19.38	% 18-20
7215	CLOVER LEAF MILLING CO., BUFFALO, N. Y. Clover Leaf Mills Egg Mash, -----	Juniata Feed & Flour Co., Tyrone.	8.17	22.00	18.00
7241	THE G. E. CONKEY CO., CLEVEL- LAND, OHIO. Conkey's Buttermilk Grain and Bone Starting Feed.	Rochester Seed & Supply Co., Rochester.	11.00	13.38	12.00
7208	Conkey's Buttermilk Meat, Grain and Bone Growing Mash.	K. L. McClain & Co., Tyrone.	9.67	17.50	18.00
7947	Conkey's Buttermilk Meat, Grain and Bone Laying Mash.	C. Beckert & Co., Pitts- burgh.	9.40	20.00	18.60
7213	Conkey's Buttermilk Meat, Grain and Bone Laying Mash.	K. L. McClain & Co., Tyrone.	10.65	15.69	18.00
7243	Conkey's Buttermilk Meat, Grain and Bone Laying Mash.	Rochester Seed & Supply Co., Rochester.	9.85	20.44	18.00
		Average, -----	9.96	18.71	-----
6909	THE CORNO MILLS CO., ST. LOUIS, MO. Corno Growing Mash, -----	Thompson & Glenn, Butler.	8.85	15.13	16.00
6910	Corno Laying Mash, -----	Thompson & Glenn, Butler.	7.97	22.00	20.00
7746	DAYTON MILLING CO., TOWANDA, PA. Dayton's Laying Mash, -----	Dayton Milling Co., Towanda.	9.52	18.75	12-15

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5-95	5-7	5.01	7-9	2 40	Bran, middlings, corn meal, ground oats, beef scrap, alfalfa meal, gluten, oil meal charcoal, salt.	Oil meal identified as linseed oil meal.	7510
5.50	4.00	10.27	11.00	4 00	Linseed meal, old process, corn feed meal, ground oat meal, meat meal, alfalfa meal, wheat bran, wheat middlings, one of one per cent. fine table salt.	Found also ground Kaffir corn and cottonseed meal.	7215
5.70	3.00	4.35	4.00	5 50	Hulled oats, wheat middlings, corn meal, corn feed meal, buttermilk, bone.	Buttermilk and bone not detected.	7241
5.60	4.00	6.07	5.00	4 75	Buttermilk, wheat middlings, wheat bran, corn feed meal, ground barley, hulled oats, bone meal, meat scraps bean meal, oil meal.	Oil meal identified as linseed oil meal.	7208
4.85	4.00	5.15	6.00	3 75	Buttermilk, corn meal, corn feed meal ground barley, bean meal, wheat bran, wheat middlings, oil meal, bone and meat scraps	Buttermilk not detected. Found also tankage.	7947
5.31	4.00	5.53	6.00	4 00	Buttermilk, corn meal, corn feed meal ground barley, bean meal, wheat bran, wheat middlings, oil meal, bone and meat scraps	Oil meal identified as linseed oil meal.	7213
4.63	4.60	4.82	6.00	4 00	Corn meal, corn feed meal, ground barley, bean meal, wheat bran, wheat middlings, oil meal, bone and meat scraps.	Oil meal identified as linseed oil meal. Found also ground grain screenings.	7243
4.93	-----	5.16	-----	3 93			
5.08	4.50	8.75	9.00	58 00	Corn meal, oat meal, choice alfalfa meal, wheat bran and meat scraps.	As certified, -----	6009
6 47	4.75	9.00	9.00	58 00	Corn meal, oat meal, choice alfalfa meal, wheat bran, linseed meal, meat scraps and 1% charcoal.	As certified, -----	6910
4.21	3-5	7.30	6-8	2 50	Gluten, middlings, corn meal, bran, ground oats, oil meal, alfalfa and buckwheat feed.	Found also tankage,	7746

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE ALBERT DICKINSON CO., CHICAGO, ILL.		%	%	%
7580	Globe Chick Mash with Dried Buttermilk.	J. A. Gault & Co., Kittanning.	9.06	18.06	18.00
7100	Globe Chick Mash with Dried Buttermilk.	Kane Milling & Grocery Co., Kane.	9.70	19.50	16.00
7244	Globe Chick Mash with Dried Buttermilk.	Rochester Seed & Supply Co., Rochester.	9.60	16.75	16.00
		Average, -----	9.45	18.10	-----
7073	Globe Egg Mash, -----	Paxton Flour & Feed Co., Harrisburg.	6.67	20.75	20.00
8100	Globe Egg Mash, -----	Rice & Jones, Lebanon.	8.77	19.88	20.00
8205	Globe Egg Mash, -----	Smith Brothers, Inc., Bradford.	8.17	20.31	20.00
		Average, -----	7.87	20.31	-----
6955	DULL'S FLOUR & FEED STORE, EASTON, PA. Ex-Mash, -----	Dull's Flour & Feed Store, Easton.	10.05	14.81	8.00
6967	THE EASTON FLOUR & FEED CO., EASTON, PA. Easton's Best Poultry Mash, -----	The Easton Flour & Feed Co., Easton.	9.47	16.19	17.00
7365	ELMER EBY, LITITZ, PA. 10% Poultry Mash, -----	Elmer Eby, Lititz, -----	6.19	20.00	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.19	4.00	5.97	8.00	3 80	Dried buttermilk, sifted meat scraps, corn feed meal, wheat middlings, oat flour, ground barley, fine ground alfalfa meal.	As certified, -----	7580
6.26	4.00	6.29	10.00	4 00	Dried buttermilk, corn feed meal, sifted meat scraps, fine ground alfalfa meal, wheat middlings, oat flour, 1% calcium carbonate and $\frac{1}{2}$ of 1% salt, ground barley.	As certified, -----	7100
5.70	4.00	8.25	10.00	4 50	Dried buttermilk, corn feed meal, sifted meat scraps, fine ground alfalfa meal, wheat middlings, oat flour, 1% calcium carbonate and $\frac{1}{2}$ of 1% salt.	As certified, -----	7244
5.72	-----	6.83	-----	4 10			
6.00	5.00	7.81	10.00	3 50	Wheat bran, wheat middlings, alfalfa meal, ground corn bran, corn feed meal, linseed oil meal, meat scraps, salt.	As certified, -----	7073
4.88	5.00	8.69	10.00	3 20	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, $\frac{1}{2}$ of 1% salt.	Meat scrap identified as tankage.	8160
5.23	5.00	8.15	10.00	3 25	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, $\frac{1}{2}$ of 1% salt.	Found also ground Kaffir corn.	8205
5.37	-----	8.21	-----	3 32			
5.00	3.00	7.42	5.00	4 00	Bran, middlings, gluten, oil meal, meat, fish, alfalfa, Kaffir.	Found also corn, oats, barley and buckwheat. Bran and middlings identified as being from wheat.	6955
4.28	4.00	6.22	5.10	3 50	Bran, corn chop, middlings, ground oats, alfalfa meal, gluten, oil meal and less than one half of one per cent. salt.	Found also small amount ground grain screenings. Bran and middlings identified as being from wheat. Oil meal identified as linseed oil meal.	6967
5 64	5.00	7.40	10.00	53 00	Bran, shorts and middlings from wheat, corn gluten, alfalfa meal, rolled oats and best grade beef scraps.	As certified, -----	7333

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6963	ERGAR-MORGAN CO., MEMPHIS, TENN. Happy Hen Mash, -----	Easton Mercantile Co., Easton.	% 7.05	% 22.06	% 18.00
7296	ELIZABETHTOWN ROLLER MILLS, ELIZABETHTOWN, PA. Binkley's More Egg Mash Feed, ----	Elizabethtown Roller Mills, Elizabethtown.	8.42	19.25	19.00
7086	EMPORIUM MILLING CO., EMPORIUM, PA. Liberty Standard Laying Mash, ----	Emporium Milling Co., Emporium.	10.85	17.81	18.00
7460	JOHN W. ESHELMAN & SONS. LANCASTER, PA. Eshelman's Developing Feed, -----	S. A. Fishburn, Paxtonia.	11.30	9.56	10.00
7335	Eshelman's Growing Mash, -----	John W. Eshelman & Sons, Lancaster.	9.92	17.50	16.00
7628	Eshelman's Laying Mash, -----	John W. Eshelman & Sons, Lancaster.	8.39	21.75	20.00
7468	Eshelman's Laying Mash, -----	S. A. Fishburn, Paxtonia.	8.81	19.44	20.00
		Average, -----	8.60	20.60	-----
7595	FARMERS' CO-OPERATIVE UNION, WELLSBORO, PA. State Mixture, -----	Farmers' Co-operative Union, Wellsboro.	10.17	23.06	24.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.13	5.00	11.20	15.00	55 60	Corn meal, peanut meal, wheat shorts, rice bran, alfalfa meal, meat scraps, $\frac{1}{2}$ of 1% salt.	Found also wheat, small amount peanut hulls and trace of rice hulls.	6963
5.54	5.00	8.95	8.00	2 80	Wheat bran, wheat middlings, corn meal, pure ground oats, beef scrap, alfalfa meal, gluten, oil meal, charcoal, bone meal.	Found also small amount ground grain screenings.	7296
5.64	2.50	5.60	6.00	3 50	Wheat bran, wheat middlings, corn meal, beef scrap, gluten.	Beef scrap identified as beef and bone scrap. Found also beet pulp and ground grain screenings.	7086
3.10	3.00	1.78	3.00	2 40	Cracked corn, Kaffir corn, buckwheat, (re-cleaned screenings from wheat).	Found also oats and a small amount of screenings including whole weed seeds.	7461
6.34	4.00	5.67	5.00	43 00	Guaranteed ten per cent. dried buttermilk, meat and fish scrap. Wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal, alfalfa meal.	Dried buttermilk not detected. Found also ground Kaffir corn and ground grain screenings.	7335
6.23	5.00	5.27	7.00	46 00	Guaranteed twenty per cent. dried buttermilk, meat and fish scrap. Wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal, alfalfa meal.	Found also small amount ground grain screenings.	7328
6.37	5.00	4.84	7.00	2 50	Guaranteed twenty per cent. meat and fish scrap. Wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal, alfalfa meal.	Found also mustard oil cake meal.	7465
6.33	-----	5.05	-----	48 00			
5.27	6.00	6.08	8.00	2 40	Gluten feed, wheat bran, wheat middlings, corn meal, old process oil meal and beef scraps.	Found also small amount ground grain screenings.	7595

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6949	FLORY MILLING CO., INC BANGOR, PA. Golden Egg Growing Mash, -----	Flory Milling Co., Inc., Bangor.	% 9.70	% 15.57	% 9.00
6950	Golden Egg Laying Mash, -----	Flory Milling Co., Inc., Bangor.	10.06	15.56	15.00
7211	GOLDEN GRAIN MILLING CO., EAST ST. LOUIS, ILL. Golden Grain Laying Mash, -----	K. L. McClain & Co., Tyrone.	8.02	24.25	22.00
7521	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Growing Feed, -----	J. C. Harrington Co., Montrose.	9.25	15.94	12.50
7528	Grandin's Poultry Dry Mash with Buttermilk.	J. C. Harrington Co., Montrose.	8.77	23.19	20.00
7261	HALES & HUNTER CO., CHICA- GO, ILL. Red Corn Egg Mash with Dried Buttermilk.	John G. Allen, Beaver Falls.	10.65	16.19	16.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
1.26	5.00	5.22	5.00	3 50	Corn meal, bran, bone meal, barley, oat meal, beef scrap, Kaffir corn, buckwheat, ground wheat.	As certified, -----	6949
5.05	5.00	7.42	6.00	3 25	Corn feed meal, oat meal, gluten, bran, middlings, barley, oats, beef scrap, fish scrap.	Found also ground buckwheat and ground Kaffir corn. Bran and middlings identified as being from wheat.	6950
4.10	3.00	10.80	9.00	1 00	Wheat middlings, wheat bran, corn feed meal, linseed oil meal, (old process), cotton seed meal, alfalfa leaf meal, digester tankage.	As certified, -----	7211
4.04	3.50	7.84	8.00	3 20	Ground meat, bone, corn, wheat, oats, barley, Kaffir corn, milo maize, buckwheat, alfalfa, calcium carbonate, wheat bran, wheat middlings, linseed oil meal, corn gluten feed and salt. (Bran and middlings may contain ground screenings not exceeding mill run).	Found also small amount oat hulls. Barley not detected.	7521
4.82	3.00	9.49	10.00	3 20	Ground fish, ground meat and bone, linseed oil meal, cottonseed meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, ground oats, ground scratch feed, screenings consisting of (corn, wheat, barley, Kaffir corn, milo maize and buckwheat). Alfalfa meal, powdered buttermilk, calcium carbonate and a small percentage of salt. (Wheat bran and wheat middlings contain ground screenings not exceeding mill run).	Buttermilk not detected.	7528
5.38	4.50	6.05	9.00	3 50	Corn feed meal, ground oats, corn gluten feed, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 6% calcium carbonate.	Found also ground Kaffir corn and ground grain screenings.	7261

TABLE III. ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8067	Red Comb Egg Mash with Dried Buttermilk.	Peter Blumling, McKees Rocks.	% 8.77	% 16.44	% 16.60
8902	Red Comb Egg Mash with Dried Buttermilk.	Russell Brothers, Washington.	8.58	17.56	16.00
6903	Red Comb Egg Mash with Dried Buttermilk.	Stemler Brothers, East Mauch Chunk.	9.55	17.81	15.00
		Average, -----	9.38	17.00	-----
7081	HOFFER & GARMAN, INC., HARRISBURG, PA. Chicken Choutee Hen Developer, ---	Hoffer & Garman, Inc., Harrisburg.	9.30	18.44	9-12
7798	KASCO MILLS, WAVERLY, N. Y. Full Nest Mash, -----	Farmers' Co-operative Co., Inc., Wysox.	9.32	21.75	18.50
7796	*Kasco Chick Mash, -----	Farmers' Co-operative Co., Inc., Wysox.	9.97	22.31	18.00
7823	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger Laying Mash, -----	Webb Brothers, Altoona,	7.42	22.69	29.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.81	4.00	4.59	9.00	3 56	Corn feed meal, ground oats, corn gluten feed, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 6% calcium carbonate.	Found also wheat bran.	8 67
4.74	4.50	4.85	9.00	3 00	Corn feed meal, ground oats, corn gluten feed, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 5% calcium carbonate.	Found also wheat bran, small amount ground grain screenings and tankage.	8002
5.44	4.00	4.00	9.00	4 00	Corn feed meal, ground oats, wheat bran, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 5% calcium carbonate.	Found also corn gluten feed.	6093
5.09	-----	5.12	-----	3 50			
5.80	3-6	10.27	2.75 -3.50	3 25	Beef scrap, charcoal, wheat bran, middlings, corn and oats chop, ground Kaffir corn.	Found also cottonseed meal, alfalfa meal, ground grain screenings and small amount small whole weed seeds.	7081
4.52	3.50	7.95	8.50	2 70	Wheat bran, wheat middlings, corn feed meal, Kaffir corn, linseed oil meal, ground oats, beet pulp, corn gluten feed, alfalfa meal and bone scrap, fish scrap and salt. Bran and middlings may contain ground screenings not to exceed mill run.	Found also tankage	7798
4.85	3.50	7.20	9.00	2 70	Red dog flour, fine ground oats, wheat middlings, wheat bran, linseed oil meal, corn meal, meat scrap, $\frac{3}{4}$ of 1% salt, alfalfa meal.	As certified, -----	7796
6.16	5.25	7.60	8.00	3 80	Algaroba meal, meat scraps, fish meal, dried buttermilk, corn flour, wheat bran with mill run of screenings, corn feed meal, wheat middlings, corn meal, fine alfalfa meal, Badger hominy feed, bone meal and salt.	Algaroba meal (locust bean meal) not detected. Found also Kaffir corn and tankage.	7823

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
			%	%	%
7651	*Badger Quality First Laying Mash,	Speacht Brothers, Pottsville.	9.87	19.06	18.00
7415	*Badger Quality First Laying Mash,	Joshua Stouffer & Son, Huntingdon.	7.31	20.44	18.00
		Average, -----	8.59	19.75	-----
7853	LEHMAN & WOLGEMUTH, ELIZABETHTOWN, PA. L. & W. Mash Feed, -----	Lehman & Wolgemuth, Elizabethtown.	10.42	20.31	19.00
7274	THE MANDEVILLE CO., WILKES-BARRE, PA. Mandeville's Pure Poultry Mash, --	The Manderville Co., Wilkes-Barre.	8.47	21.44	18-20
7453	MARTIN & COMPANY, ALTOONA PA. Martin's Liberty Standard Growing Mash.	Martin & Company, Altoona.	9.17	17.56	10.00
7451	Martin's Liberty Standard Laying Mash.	Martin & Company, Altoona.	8.56	20.88	18.00
6950	MAUSER MILL CO., ALLENTOWN PA. Queen City Laying Mash, -----	Mauser Mill Co., Allentown.	9.22	18.56	-----
8034	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. No. 1 Poultry Mash, -----	Miner-Hillard Milling Co., Plymouth.	8.00	18.06	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.02	3.50	9.66	10.00	4 50	Wheat bran, wheat middlings (with ground screenings not exceeding mill run), maize red dog flour, corn feed meal, alfalfa meal, meat scraps, corn germ meal, hominy feed.	As certified, -----	7051
5.95	3.25	7.78	10.00	3 50	Wheat bran, wheat middlings (with ground screenings not exceeding mill run), corn flour, corn feed meal, alfalfa meal, meat scrap, corn germ meal, fish meal and dried buttermilk.	As certified, -----	7415
4.98	-----	8.72	-----	4.00			
4.33	4.00	8.97	9.00	2 35	Ground corn, oats, alfalfa, wheat bran, wheat middlings, gluten, beef scrap and salt.	Found also old process linseed oil meal. Beef scrap identified as tankage.	7853
6.21	5-6	8.29	8-10	2 45	Wheat middlings, alfalfa meal, buckwheat middlings, green peas, ground oats, beef scrap and hominy.	Buckwheat middlings not detected. Found also ground corn oil cake.	7274
5.28	2.00	4.41	6.00	3 25	Wheat bran, ground corn, ground oats, corn gluten feed, meat meal and bone meal.	As certified, -----	7453
5.78	4.00	4.92	6.00	3 00	Wheat bran, wheat middlings, ground oats, corn gluten feed, ground corn, linseed oil meal, bone meal, fish scrap and meat meal.	As certified, -----	7451
5.25	-----	9.57	-----	3 75	Ground corn, oats, wheat and barley, buckwheat, wheat bran, wheat middlings, oil meal, gluten feed, alfalfa meal and beef scraps, salt.	As certified, -----	6990
4.55	5.50	8.07	9.00	2 25	Wheat bran, wheat middlings, beef scrap, hominy feed, corn meal, corn germ meal, buckwheat middlings, ground oats, alfalfa meal, gluten feed, cottonseed, O. P. oil meal.	As certified, -----	8094

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7274	Poultry Mash, -----	Miner-Hillard Milling Co., Wilkes-Barre.	% 8.37	% 13.38	% 13.00
7281	Superior Growing Feed, -----	Miner-Hillard Milling Co., Wilkes-Barre.	9.79	18.00	18-20
7089	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y.	P. P. Case & Son, Troy,	9.35	25.19	23-25
	Mystic Laying Mash, -----				
7162	NOWAK MILLING CORPORATION, BUFFALO, N. Y.	W. J. Carroll Sons, Erie,	9.10	22.19	20.00
	Domino Laying Mash, -----				
6978	THE PARK & POLLARD CO., BOSTON, MASS. & CHICAGO, ILL.	Mauser Mill Co., Allen- town.	11.25	13.13	16.00
	Growing Feed, -----				
8240	Growing Feed. -----	Shamokin Milling Co., Shamokin.	9.30	17.31	10.00
		Average, -----	10.27	15.22	-----
6950	Lay. or Bust Dry Mash. -----	Dull's Flour & Feed Store, Easton.	9.15	18.44	18.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.87	4.00	10.01	10.00	2 20	Ground peas, alfalfa meal, wheat bran, wheat middlings, hominy feed, buckwheat middlings, ground oats.	Ground peas not retested. Found also marble grit, ground Kaffir corn and small amount ground grain screenings.	7277
5.96	6-8	6.72	6-8	2 20	Wheat bran, wheat middlings, hominy feed and beef meal.	Found also small amount Kaffir corn.	7261
4.96	4-6	7.68	6-8	2 50	Wheat middlings, wheat bran, corn meal, corn gluten feed, O. P. oil meal, alfalfa meal, blood meal, bone meal, meat meal.	"Meat meal" identified as tankage. Found also crushed oats, wild oats and small amount ground grain screenings.	7689
5.40	3.00	8.57	10.00	4 00	Linseed oil meal, ground oats, wheat flour, wheat bran, wheat middlings, corn feed meal, corn gluten feed, ground bone, meat scrap, alfalfa meal.	Found also small amount ground grain screenings.	7162
2.70	1.50	4.27	8.00	4 10	Ground corn, wheat, wheat screenings, oats, barley, Kaffir corn, buckwheat, alfalfa, meat, bone, wheat bran (with mill run of screenings), wheat middlings, calcium carbonate and salt.	Alfalfa and Kaffir corn not detected.	6978
3.90	1.50	3.95	8.00	3 50	Ground corn, wheat, wheat screenings, oats, barley, Kaffir corn, buckwheat, alfalfa, meat, bone, wheat bran (with mill run of screenings), wheat middlings, calcium carbonate and salt.	Buckwheat not detected. Found also tankage.	8249
3.30	-----	4.11	-----	3 80			
4.78	1.50	8.00	12.00	4 50	Ground corn, wheat, wheat screenings, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run screenings, wheat middlings, gluten, carbonate and salt.	as lime carbonate. Carbonate identified	6956

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
7096	Lay or Bust Dry Mash, -----	Kane Milling & Grocery Co., Kate.	% 9.97	% 21.56	% 18.00
8128	Lay or Bust Dry Mash, -----	J. H. Lavery's Sons, Franklin.	8.06	18.28	18.00
6977	Lay or Bust Dry Mash, -----	Mauser Mill Co., Allentown.	10.50	17.94	18.00
7552	Lay or Bust Dry Mash, -----	Mitchell Milling Co., Clearfield.	9.62	19.38	18.00
8253	Lay or Bust Dry Mash, -----	Shamokin Milling Co., Shamokin.	9.50	20.00	18.00
		Average, -----	9.46	19.27	-----
7908	PENN ROLLER MILLS, INDIANA, PA. *Royal Meat Mash, -----	Penn Roller Mills, Indiana.	10.10	13.10	-----

*Not registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.65	1.50	8.95	12.00	3 85	Ground wheat, barley, Kafir corn, corn feed meal, milo maize, oats, alfalfa meal, grain screenings, buckwheat grits, wheat bran with mill run of screenings, wheat midds. wheat, bone, calcium phosphate, dried fish, calcium carbonate, (limestone), salt.	As certified. -----	7096
4.89	1.50	9.22	12.00	3 25	Wheat, barley, Kafir corn, milo maize, oats, alfalfa meal, grain screenings, buckwheat grits, wheat bran with mill run of screenings, wheat middlings, meat, bone, calcium phosphate, dried ash, calcium carbonate, limestone, salt.	Found also tankage and corn feed meal.	8128
3.68	1.50	7.84	12.00	4 00	Ground corn, wheat, wheat screenings, oats, barley, Kafir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran, (with mill run of screenings), wheat middlings, calcium carbonate and salt.	Buckwheat not detected.	6977
4.45	1.50	6.86	12.00	3 50	Ground:—corn, wheat wheat middlings, rice bran, barley, buckwheat, calcium carbonate, Kafir corn, oats, bone, fish, meat, salt, wheat screenings, wheat bran with mill run of screenings and alfalfa.	Buckwheat and fish scrap not detected	7552
3.71	1.50	6.24	12.00	3 50	Ground corn, wheat, wheat screenings, oats, barley, Kafir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run of screenings, wheat middlings, calcium carbonate and salt.	Buckwheat not detected, found also tankage.	8253
4.45	-----	7.85	-----	3 77			
4.37	-----	2.86	-----	3 00	Bran, corn chop, meat meal, crushed oats, brown middlings and white middlings.	As certified. -----	7908

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7731	PHELPS & SIBLEY CO., CUBA, N. Y. Favorite Poultry Mash, -----	New Era Mills, Mansfield,	% 9.00	% 19.56	% 17.00
7883	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Prairie State Poultry Mash, -----	R. S. Altman, Irwin, ---	9.42	19.94	16.00
7403	PRATT FOOD COMPANY, PHILADELPHIA, PA. Pratt's Buttermilk Baby Chick Feed	Ross E. Goodman, Huntingdon.	9.68	14.25	11.50
7205	Pratt's Buttermilk Baby Chick Feed	K. L. McClain & Co., Tyrone.	10.10	13.69	11.50
8344	Pratt's Fattening Mash, -----	Average, ----- J. Leedom Moore, Llan- ereh.	9.89 10.50	13.97 15.00	----- 10.00
8346	Pratt's Growing Mash with Butter- milk.	J. Leedom Moore, Lan- ereh.	9.97	17.88	17.50
8341	Pratt's Laying Mash with Butter- milk.	J. Leedom Moore, Llan- ereh.	9.02	23.19	19.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.12	3.00	8.96	9.00	3 60	Linseed meal, beef scrap, alfalfa meal, gluten feed (corn product), ground oats, wheat middlings, corn meal, wheat bran, alfalfa meal, small quantity of charcoal and salt.	Found also tankage and a small amount ground grain screenings.	7131
3.16	3.00	8.53	8.00	3 25	Wheat bran, wheat middlings, corn feed meal, gluten, oil meal, beef scraps, alfalfa meal, not over 5% grit.	"Gluten" not detected. Found also whole wheat ground Kaffir corn, millet seed and small amount small whole weed seeds.	7883
4.32	3.50	2.86	3.30	6 50	Dried buttermilk, corn meal, wheat middlings, oat meal, cooked wheat, epsom salts, bone meal, millet and rape.	Rape and buttermilk not detected. Found also small amount small whole weed seeds and ground grain screenings. "Cooked wheat" identified as shredded wheat waste.	7403
5.10	3.50	3.30	3.80	7 00	Dried buttermilk, corn meal, wheat middlings, oat meal, cooked wheat, epsom salts, bone meal, millet and rape.	As certified, -----	7205
4.71	-----	3.08	-----	6 75			
6.87	4.50	3.15	8.00	4 00	Oat flour, red dog flour powdered buttermilk, palmo middlings, corn feed meal.	Found also small amount ground grain screenings.	8344
5.13	4.50	5.40	9.00	3 50	Dried buttermilk, feeding oatmeal, corn meal, ground oats, wheat middlings and wheat bran (with ground screenings not to exceed mill run), meat scrap, bone meal, fish meal.	Found also tankage.	8840
5.74	4.00	7.44	9.00	3 40	Dried buttermilk, ground clipped oats, corn meal, oil meal, wheat middlings, meat scrap, corn feed meal, wheat bran, alfalfa, fish meal.	Found also tankage.	8341

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed
7665	PRESTON BROTHERS, CANTON, PA. Daisy Laying Mash for Hens, -----	Preston Brothers, Canton.	% 9.64	% 18.00	% 16-18
7687	PRESTON & JAQUISH, TROY, PA. Dry Mash, -----	Preston & Jaquish, Troy,	9.25	15.19	12.00
7679	THE QUAKER OATS CO., CHICAGO, ILL. Blue Ribbon Laying Mash, -----	Canton Mercantile Co., Canton.	9.38	20.63	20.00
7770	Ful-O-Pep Dry Mash, -----	F. E. Clark, Johnstown,	8.60	22.75	20.00
6968	Ful-O-Pep Dry Mash, -----	The Easton Flour & Feed Co., Easton.	8.70	23.31	20.00
7697	Ful-O-Pep Dry Mash, -----	Hydson & Kuhns, Greensburg.	8.57	22.44	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.16	3.5-5.	11.15	10-12	3 70	Ground oats, gluten, Schumacher feed, meat scraps, wheat middlings, wheat bran.	Found also as supplied by Schumacher Feed ground corn, hominy feed, yellow hominy feed ground barley cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and middlings with ground screenings, oat middlings, oat hulls and salt.	7665
4.40	3.00	4.32	4.50	3 00	Hen-E-Ta, beef scrap, corn meal, wheat bran and wheat middlings.	Beef scrap identified as tankage. Found also small amount small whole weed seeds.	7687
5.42	4.00	8.23	10.00	2 80	Hominy feed, yellow hominy feed, gluten feed, ground oats, old process linseed oil meal, low grade wheat flour, bran and middlings, (with ground grain screenings not exceeding mill run), meat scraps, pea flour, alfalfa meal, $\frac{2}{3}$ of 1% salt.	As certified, -----	7679
5.42	4.00	6.46	10.00	4 00	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, cottonseed meal, wheat bran, wheat middlings with ground wheat screenings not exceeding mill run, bone meal, fish meal, meat scraps, alfalfa meal, ground grain screenings from wheat.	Found also small amount small whole weed seeds.	7770
5.67	4.00	7.45	10.00	5 00	Meat scrap, fish meal, oil meal, alfalfa meal, wheat bran with ground screenings not exceeding mill run, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings and bone meal.	Found also small amount small whole weed seeds.	7695
6.33	4.00	8.93	10.00	3 60	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran with ground screenings not exceeding mill run, bone meal, cottonseed meal, yellow hominy feed, corn gluten feed, ground grain screenings.	Found also barley and small amount small whole weed seeds.	7697

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
7057	Ful-O-Pep Dry Mash, -----	Jalappa Grain Elevator, Pottsville.	% 9.07	% 21.06	% 20.00
7229	Ful-O-Pep Dry Mash, -----	Juniata Feed & Flour Co., Tyrone.	8.75	21.56	20.00
7044	Ful-O-Pep Dry Mash, -----	King Feed Company, Williamsport.	8.85	22.81	20.00
7911	Ful-O-Pep Dry Mash, -----	Linus M. Lewis, Indiana,	9.10	22.31	20.00
6980	Ful-O-Pep Dry Mash, -----	Mauser Mill Co., Allen- town.	8.97	22.50	20.00
6651	Ful-O-Pep Dry Mash, -----	S. E. Merkel & Co., Bangor.	8.67	21.00	20.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.15	4.00	8.10	10.00	4 50	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	As certified, -----	7057
5.73	4.00	8.80	10.00	4 50	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	Found also small amount whole weed seeds.	7229
4.99	4.00	7.65	10.00	3 50	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	As certified, -----	8044
5 43	4.00	9.10	10.00	3 50	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	Found also tankage and small amount small whole weed seeds.	7911
6.14	4.00	7.97	10.00	4 20	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	As certified, -----	6980
5.63	4.00	7.35	10.00	5 00	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	Found also trace of small whole weed seeds.	6951

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8244	Ful-O-Pep Dry Mash, -----	People's Cash Grocery, Jersey Shore.	% 8.77	% 22.19	% 20.00
7189	Ful-O-Pep Dry Mash, -----	John M. Porter, Sharon,	9.22	22.44	20.00
7248	Ful-O-Pep Dry Mash, -----	Rochester Seed & Supply Co., Rochester.	8.80	23.81	20.00
		Average, -----	8.83	22.35	-----
7231	Ful-O-Pep Growing Mash, -----	Juniata Feed & Flour Co., Tyrone.	8.20	19.88	17.00
6979	Ful-O-Pep Growing Mash, -----	Mauser Mill Co., Allen- town.	9.02	19.69	17.00
		Average, -----	8.61	19.79	-----
7571	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Chicken Chowder Feed With Charcoal not over 1%.	Crescent Flour & Feed Co., Punsxutawney.	10.09	19.06	19.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.15	4.00	7.24	10.00	4 00	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	Found also small amount small whole weed seeds.	5244
5.60	4.00	7.92	10.00	3 50	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	Found also small amount whole weed seeds.	7189
5.41	4.00	7.74	10.00	3 90	Meat scraps, fish meal, oat meal, alfalfa meal, wheat bran (with ground screenings not exceeding mill run), bone meal, cottonseed meal, yellow hominy feed, hominy feed, corn gluten feed, ground grain screenings.	As certified, -----	7248
5.55	-----	7.89	-----	4 10			
5.62	5.25	5.37	9.00	4 50	Meat scraps, oat meal, fish meal, wheat bran (with ground screenings not exceeding mill run), alfalfa meal, corn gluten feed, bone meal, hominy feed, yellow hominy feed, ground puffed wheat, ground corn puff.	As certified, -----	7231
4.82	5.25	6.75	9.00	4 25	Meat scraps, oat meal, fish meal, wheat bran (with ground screenings not exceeding mill run), alfalfa meal, corn gluten feed, bone meal, hominy feed, yellow hominy feed, ground puffed wheat, ground corn puff.	As certified, -----	6979
5.22	-----	6.06	-----	4 38			
4.32	4.00	9.19	10.00	3 50	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal not over 1%, salt.	"Linseed flour" identified as linseed oil meal.	7671

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
6960	Purina Chicken Chowder Feed With Charcoal not over 1%.	Dull's Flour & Feed Store, Easton.	% 8.65	% 20.00	% 19.00
7866	Purina Chicken Chowder Feed With Charcoal not over 1%.	O. S. Ebersole & Co., Penbrook.	9.52	19.69	19.00
7722	Purina Chicken Chowder Feed with Charcoal not over 1%.	Farmers' Co-operative Union, Mansfield.	9.30	19.13	19.00
7033	Purina Chicken Chowder Feed with Charcoal not over 1%.	Mauser Mill Co., Hazleton.	8.82	19.75	19.00
7093	Purina Chicken Chowder Feed with Charcoal not over 1%.	The Irwin Muir Co., Braddock.	9.60	18.69	18.00
		Average, -----	9.33	19.39	-----
7868	Purina Chicken Fatena Feed, -----	O. S. Ebersole, & Co., Penbrook.	9.50	14.06	12.00
	H. ROCKWELL & SON, CANTON, PA.				
7683	Hen-O-La Dry Mash, -----	H. Rockwell & Son, Canton.	8.25	12.69	12.00
	SPRATT'S PATENT LTD., NEWARK, N. J.				
6954	Spratt's Utility Mash Feed, -----	Dull's Flour & Feed Store, Easton.	8.32	21.00	20.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
7795	Ti-O-Ga Laying Food, -----	F. H. Hagerman, Towanda.	9.17	23.13	17.00
	O. B. TYLER, MESHOPPEN, PA.				
7506	Dry Mash, -----	C. B. Tyler, Tunkhannock.	8.80	19.56	18.00

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's Number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.20	4.00	9.25	10.00	4 50	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal not over 1% salt.	"Linseed flour" identified as linseed oil meal.	6960
3.95	4.00	8.67	10.00	3 90	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal not over 1% salt.	"Linseed flour" identified as linseed oil meal.	7866
4.51	4.00	9.33	10.00	3 50	Wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal not over 1% salt.	"Linseed flour" identified as linseed oil meal. Found also tankage.	7722
4.25	4.00	9.00	10.00	4 50	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal not over 1% salt.	"Linseed flour" identified as linseed oil meal.	7053
3.89	4.00	8.98	10.00	3 25	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal not over 1% salt.	"Linseed flour" identified as linseed oil meal.	7893
4.19	-----	9.06	-----	3 86			
5.35	5.00	7.20	9.00	3 50	Ground oats, ground corn, Kaffir meal, barley meal, corn germ meal, wheat middlings, linseed meal and ground sunflower seed.	Barley meal and ground sunflower seed not detected.	7868
3.20	2.00	4.97	5.00	2 15	Corn meal, corn gluten feed, wheat middlings, wheat bran, old process linseed oil meal and Hen-E-Ta (composed of phosphorus, silica lime and soda).	Found also small amount ground grain screenings.	7683
6.13	4.50	5.05	6.00	4 50	Wheat bran, wheat, corn meal, alfalfa meal, ground meat, ground rice, ground Kaffir corn, ground buckwheat, ground bone, ground charcoal, ground peas, ground fish.	Found also sweetened, popped corn.	6954
4.45	2.50	5.22	6.00	2 75	Wheat middlings, corn gluten meal, corn feed meal, corn meal or hominy, meat and bone scrap, linseed oil meal, wheat bran, phosphate of lime.	Hominy not detected. Found also small amount ground grain screenings.	7795
5.40	4.50	6.48	10.00	2 40	Wheat middlings, ground oats, corn meal, gluten, beef scrap.	As certified, -----	7506

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	TYRONE MILLING CO., TYRONE, PA.				
7195	Poultry Mash, -----	Tyrone Milling Co., Tyrone.	% 9.37	% 21.81	% -----
	THE UBIKO MILLING CO., CINCINNATI, OHIO.				
7859	Ubiko Buttermilk Egg Mash, -----	J. B. Curry Estate, Swatara.	9.82	21.88	19.00
8224	Ubiko Buttermilk Egg Mash, -----	Herzog Milling Co., Smethport.	8.67	23.13	20.00
7719	Ubiko Buttermilk Egg Mash, -----	King Brothers, Union- town.	8.50	22.19	19.00
7872	Ubiko Buttermilk Egg Mash, -----	H. H. Lysinger & Son, Bedford.	9.82	21.88	20.00
		Average, -----	9.20	22.27	-----
	WALDO BROTHERS, WYSOX, PA.				
7811	Walbro Laying Mash, -----	Waldo Brothers, Wysox,	10.80	27.94	20.00
	GEO. WALTER & SONS, BUTLER, PA.				
7658	*Byrite Egg Mash, -----	Geo. Walter & Sons, Butler.	9.90	16.81	18.00
	A. F. WENTZ, JERSEY SHORE, PA.				
8239	*Wentz Dry Mash, -----	A. F. Wentz, Jersey Shore.	9.75	19.88	-----
	J. M. WYCKOFF, EAST STROUDSBURG, PA.				
6921	Poultry Mash, -----	J. M. Wyckoff, East Stroudsburg.	8.95	17.81	14.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
6.14	-----	6.39	-----	3 50	Ground corn, ground oats, wheat middlings, wheat bran and beef scrap, gluten meal.	As certified, -----	7195
4.34	3.00	6.13	6.00	2 90	Meat meal, bone meal, corn meal, wheat bran and middlings, whole ground oats, gluten feed, O. P. linseed meal and dried buttermilk.	As certified, -----	7559
5.41	4.00	4.60	6.00	2 90	Meat meal, bone meal, corn meal, wheat bran and middlings, whole ground oats, corn gluten feed, O. P. linseed meal and 2% dried buttermilk.	Dried buttermilk not detected. Found also ground Kafir corn.	8224
4.34	3.00	5.50	6.00	3 75	Meat meal, bone meal, corn meal, wheat bran and middlings, whole ground oats, corn gluten feed, O. P. linseed meal, and dried buttermilk.	"Meat meal" identified as tankage.	7719
4.02	4.00	6.12	6.00	3 25	Meat meal, bone meal, corn meal, wheat bran and middlings, whole ground oats, corn gluten feed, O. P. linseed meal and 2% dried buttermilk.	"Meat meal" identified as tankage.	7852
4.53	-----	5.58	-----	3 20			
6.27	5.50	6.84	8.00	2 60	Corn meal, alfalfa meal, oil meal, wheat bran and wheat midds with ground screenings not exceeding mill hun, beef scrap, charcoal and $\frac{1}{2}$ of 1% salt.	As certified, -----	7811
4.68	4.00	6.38	7.00	4 00	Ground: oats, Kafir corn, gluten, bran, middlings, oil meal, alfalfa, fish, meat, bone, salt.	Found also corn feed meal, buckwheat and small amount small whole weed seeds.	7658
6.00	-----	4.46	-----	3 00	Ground corn, oats, wheat bran, wheat middlings, beef scraps.	Found also buckwheat middlings.	8239
5.42	3.60	6.92	10.00	3 05	Corn meal, wheat bran and midds, alfalfa meal, meat and bone scrap, oil meal, ground oats, gluten.	As certified, -----	6921

TABLE III.—ANALYSES OF SAMPLES

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
ANIMAL BY-PRODUCTS.					
BLOOD MEAL.					
JACOB DOLD PACKING CO., BUFFALO, N. Y.					
7589	Dold Quality Soluble Blood, -----	Farmers' Co-operative Union, Wellsboro.	% 11.61	% 82.81	% 88.00
SWIFT & COMPANY, NEWARK, N. J.					
7750	Swift's Soluble Blood Flour, -----	Dayton Milling Co., Towanda.	9.32	86.53	80.00
Average, -----			10.46	84.67	-----
MEAT AND BONE SCRAP.					
THE AMERICAN AGRICULTURAL CHEMICAL CO., NEW YORK N. Y.					
7360	Protox Pure Ground Meat Scraps, --	Elmer Eby, Lititz, -----	5.79	48.94	55.00
BAUGH & SONS CO., PHILADEL- PHIA, PA.					
7854	Baugh's Meat Meal for Poultry, ----	J. B. Curry Estate, Swatara.	7.25	54.06	50.00
THE BERG CO., PHILADELPHIA PA.					
7511	Berg's Ground Beef Scrap for Ducks & Chickens.	Brown & Fassett, Tunk- hannock.	5.77	51.44	50.00
8105	Berg's Ground Beef Scrap for Ducks & Chickens.	Seureman Milling Co., Wilkes-Barre.	5.24	50.00	50.00
Average, -----			5.50	50.72	-----
7028	Berg's 3 Medal Poultry Meat, -----	George W. Engle, Hazle- ton.	5.12	45.19	40.00
8250	Berg's 3 Medal Poultry Meat, -----	Shamokin Milling Co., Shamokin.	5.33	41.31	40.00
Average, -----			5.22	43.25	-----
BLAMBERG BROTHERS, BALTI- MORE, MD.					
7824	Cornell Brand Beef Scraps for Poultry.	Webb Brothers, Altoona,	5.87	51.88	55.00
THE ALBERT H. BUEHRLE CO., YOUNGSTOWN, OHIO.					
7191	Sure Egg Meat Scraps, -----	John M. Porter, Sharon,	6.27	55.06	50-55
CONSOLIDATED DRESSED BEEF COMPANY, PHILADELPHIA, PA.					
6958	Consolidated Beef and Bone Scraps	Dull's Flour & Feed Store, Easton.	6.42	48.25	45-50
8151	Consolidated Beef and Bone Scraps	Rice & Jones, Lebanon, Average, -----	6.70 6.56	46.88 47.57	45-50

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
0.75	-----	0.72	5.00	8 00	-----	Blood meal, -----	7589
0.52	-----	1.12	3.00	6 50	-----	Blood meal, -----	7750
0.64	-----	0.92	-----	7 25	-----		
15.90	10.00	1.07	-----	100 00	-----	Meat and bone scrap	7360
12.24	10.00	1.25	1.00	4 50	Ground pure beef cracklings.	As certified, -----	7854
17.12	11.00	0.73	2.00	6 00	Pure beef cracklings.	As certified, -----	7511
14.70	11.00	0.93	2.00	4 50	Pure beef cracklings.	As certified, -----	8105
15 91	-----	0.83	-----	5 25	-----		
11.83	11.00	1.05	3.00	6 50	-----	Meat scrap, -----	7023
13.10	11.00	1.86	3.00	5.00	-----	Meat scrap, -----	8250
12.22	-----	1.20	-----	5 75	-----		
16.21	13.00	1.16	3.00	5 50	Pure ground beef cracklings.	As certified, -----	7824
7.15	3.00	1.70	5.00	5 50	Pure meat and bone trimmings.	As certified, -----	7191
14.93	12.00	1.64	2.00	6 00	-----	Meat and bone scrap.	6958
11.79	12.00	0.95	2.00	5 00	-----	Meat and bone scrap.	8151
13.86	-----	1.29	-----	5 50	-----		

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Protein.		
			Moisture.	Found.	Guaranteed.
	DARLING & COMPANY, CHICAGO ILL.				
7895	Darling's Meat Scraps, -----	Johnston & Smith, Wilkinsburg.	% 7.45	% 55.94	% 50.00
	JACOB DOLD PACKING COMPANY BUFFALO, N. Y.				
7380	Dold Quality Meat & Bone Meal, --	Blank & Gottshall Company, Inc., Sunbury.	5.15	54.06	46.00
7059	Dold Quality Meat and Bone Scrap,	Earley & Detweiler, Palmyra.	6.32	51.25	50-55
7743	Dold Quality Meat and Bone Scrap,	Farmers' Co-operative Mercantile Co., Skinners Eddy.	6.45	50.19	50.00
7170	Dold Quality Meat and Bone Scrap,	Nickel Plate Flour Mills, Erie.	7.02	57.56	50.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.	Average, -----	6.59	53.00	-----
7806	Meat and Bone Scraps, -----	Farmers' Co-operative Co., Inc., Wysox.	5.77	50.06	50.00
	THE FINN CO., SYRACUSE, N. Y.				
6932	Chicken Feed, -----	J. M. Wyckoff, East Stroudsburg.	6.00	37.06	32.00
	MUTUAL RENDERING CO., INC., PHILADELPHIA, PA.				
7516	50% Meat & Bone Scraps, -----	Brown & Fassett, Tunkhannock.	6.60	49.69	50.00
7347	50% Meat & Bone Scraps, -----	John W. Eshelman & Sons, Lancaster.	4.10	47.50	50.00
	THE PHILADELPHIA SEED CO. INC., PHILADELPHIA, PA.	Average, -----	5.05	48.60	-----
7069	*Beef Scrap, -----	John B. Curry's Sons, Palmyra.	5.62	44.19	40.00
	ROBERT A. REICHARD, ALLENTOWN, PA.				
8262	Reichard's High Grade Beef Scraps,	R. Foster & Son, Middlinsburg.	5.87	61.06	55.00
7212	Reichard's High Grade Beef Scraps,	K. L. McClain & Co., Tyrone.	5.42	65.31	55.00
7810	Reichard's High Grade Beef Scraps,	Waldo Brothers, Wysox.	5.30	63.44	55.00
	THE J. L. & H. STADLER RENDERING & FERTILIZER CO. CLEVELAND, OHIO.	Average, -----	5.53	64.94	-----
7242	Stadler's 50% Meat Scraps, -----	Rochester Seed & Supply Co., Rochester.	6.10	51.56	50.00
	JOHN T. STANLEY CO., NEW YORK, N. Y.				
7330	Stanley's High Grade Meat Scraps for Poultry.	John W. Eshelman & Sons, Lancaster.	5.53	44.31	45.00

FEEDING STUFFS COLLECTED IN 1921--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	¢			
8.91	0.50	3.13	3.00	8 00	-----	Meat scrap and tankage.	7595
11.85	10.00	2.49	5.00	3 25	-----	Meat and bone scrap, tankage and small amount fibrous material.	7389
12.35	8.00	1.25	5.00	5 25	Scraps of meat cooked and dried.	Meat and bone scrap.	7059
15.06	8.00	1.52	5.00	4 50	Scraps of meat cooked and dried.	Meat and bone scrap.	7143
11.98	3.00	1.82	5.00	5 00	Scraps of meat cooked and dried.	Meat and bone scrap.	7170
13.13	-----	1.53	-----	4 92			
12.34	10.00	1.23	2.00	3.75	-----	Meat and bone scrap.	7596
10.15	8-15	4.02	10-15	5 50	Ground meat and bone scrap.	As certified, -----	6932
12.39	10.00	0.87	2.00	6 00	-----	Meat and bone scrap.	7516
14.28	10.00	1.34	2.00	63 00	-----	Meat and bone scrap.	7347
13.34	-----	1.10	-----	24 00			
18.36	11.00	1.67	3.00	6 00	-----	Beef scrap, -----	7069
15.38	10.00	0.54	3.00	6 00	-----	Beef scrap, -----	8262
16.73	10.00	1.69	3.00	6 50	-----	Beef scrap, -----	7212
17.70	10.00	1.49	2.00	4 85	-----	Beef scrap, -----	7810
16.61	-----	1.40	-----	5 73			
7 08	3.00	2.20	3.00	5 50	-----	Meat scrap. Largely tankage.	7242
10.88	10.00	1.45	-----	60 00	-----	Meat scrap, -----	7330

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
8053	Stanley's High Grade Meat Scraps for Poultry.	Good's City Mills, Williamsport.	5.24	42.63	45.00
7669	Stanley's High Grade Meat Scraps for Poultry.	Preston Brothers, Canton.	6.62	45.25	45.00
7496	Stanley's High Grade Meat Scraps for Poultry.	C. B. Tyler, Tunkhannock.	6.32	44.00	45.00
		Average, -----	5.92	44.05	-----
	SWIFT & COMPANY, NEWARK, N. J.				
7751	Swift's Eureka Meat & Bone Scraps,	Dayton Milling Co., Towanda.	6.75	55.63	55.00
8298	Swift's Eureka Meat & Bone Scraps,	Ezl. Dunwoody Co., Philadelphia.	7.10	57.25	55.00
7361	Swift's Eureka Meat & Bone Scraps,	Elmer Eby, Lititz, -----	6.56	55.50	55.00
7588	Swift's Eureka Meat & Bone Scraps,	Farmers' Co-operative Union, Wellsboro.	7.32	55.13	55.00
		Average, -----	6.93	55.88	-----
7747	Swift's Laymore Meat & Bone Scraps.	Dayton Milling Co., Towanda.	6.12	45.06	45.00
8297	Swift's Laymore Meat & Bone Scraps.	Ezl. Dunwoody Co., Philadelphia.	6.05	42.44	45.00
7039	Swift's Laymore Meat & Bone Scraps.	Mauser Mill Co., Hazleton.	5.77	44.00	45.00
7287	Swift's Laymore Meat & Bone Scraps.	Miner-Hillard Milling Co., Wilkes-Barre.	5.87	48.63	45.00
		Average, -----	5.95	45.03	-----
7617	Swift's Meat & Bone Scraps, -----	Farmers' Feed Store, Wellsboro.	8.41	65.25	50.00
	SYRACUSE RENDERING CO., SYRACUSE, N. Y.				
7793	Syracuse Poultry Feed, -----	F. H. Hagerman, Towanda.	5.82	46.38	40-50
7102	Syracuse Poultry Feed, -----	Kane Milling & Grocery Co., Kane.	5.57	41.50	40-50
		Average, -----	5.69	43.94	-----
	THE VAN IDERSTINE COMPANY, LONG ISLAND CITY, N. Y.				
7377	Van Iderstine's High Protein Meat Scraps.	Blank & Gottshall Company, Inc., Sunbury.	5.84	56.75	55.00
6936	Van Iderstine's Pure Ground Meat Scraps.	J. M. Wyckoff, East Stroudsburg.	6.25	41.25	45.00
7345	Van Iderstine's Special Meat Scraps.	John W. Eshelman & Sons, Lancaster.	5.41	53.75	50.00
		Total average, -----	6.06	50.51	-----
	TANKAGE.				
	CONSOLIDATED DRESSED BEEF CO., PHILADELPHIA, PA.				
5150	Consolidated Digester Tankage, -----	Rice & Jones, Lebanon.	10.25	33.25	40-45
7197	Consolidated Digester Tankage, -----	Tyrone Milling Co., Tyrone.	5.70	35.25	40-45
		Average, -----	7.97	34.25	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Found.				
%	%	%	%	\$			
10.49	-----	2.64	-----	5 00	-----	Meat and bone scrap.	8053
9.20	10.00	3.27	3.00	4 65	Animal residue except hoofs and horns.	Meat and bone scrap and tankage.	7669
10.54	10.00	1.27	3.00	5 50	-----	Meat scrap, -----	7496
10.28	-----	2.15	-----	90 75			
11.39	6.00	1.51	3.00	4 85	-----	Meat and bone scrap.	7751
11.35	6.00	1.50	3.00	4 30	-----	Meat and bone scrap and tankage.	8298
12.28	6.00	1.38	3.00	95 00	-----	Meat and bone scrap and tankage.	7361
10.54	6.00	2.07	3.00	5 00	-----	Meat and bone scrap and tankage.	7583
11.39	-----	1.62	-----	94 50			
10.00	6.00	2.22	3.00	4 00	-----	Meat and bone scrap and tankage.	7747
10.45	6.00	1.38	3.00	3 80	-----	Meat and bone scrap and tankage.	8297
11.58	6.00	0.87	3.00	6 00	-----	Meat and bone scrap.	7039
11.85	6.00	1.38	3.00	4 50	-----	Meat and bone scrap.	7287
10.97	-----	1.46	-----	4.58			
12.56	6.00	1.11	3.00	5 00	-----	Meat and bone scrap and tankage.	7617
11.89	8-12	1.78	-----	3 90	Cooked meat and bone scraps. (Animal pro- ducts).	As certified, -----	7793
10.92	8-12	1.75	-----	5 50	Cooked meat and bone scraps. (Animal pro- ducts).	As certified, -----	7102
11.41	-----	1.76	-----	4 70			
10.71	5.00	1.66	3.00	4 75	-----	Meat scraps, tankage and a large amount of glass and sand.	7377
9.95	5.00	3.70	3.00	5 50	-----	Meat and bone scrap small amount of fibrous vegetables residue and trace of glass.	6930
10.33	5.00	2.25	3.00	68 00	Animal products.	As certified, -----	7346
12.28	-----	1.68	-----	98 76			
4.20	12.00	9.48	3.00	2 45	-----	Tankage. Sample mouldy and damage- ed and in bad con- dition.	8150
13.85	12.00	6.22	3.00	4 50	-----	Tankage, -----	7197
9.08	-----	7.85	-----	3 48			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
8234	Dold Quality Digester Tankage, ----	F. H. Dyer, Lock Haven,	% 8.27	% 70.63	% 60.00
7060	Dold Quality Digester Tankage, ----	Earley & Detweiler, Palmyra.	8.10	65.65	60.00
7903	Dold Quality Digester Tankage, ----	Marion Center Milling Co., Marion Center.	6.75	66.94	60.00
		Average, -----	7.70	67.74	-----
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7355	Eshelman's Digester Tankage, ----	John W. Eshelman & Sons, Lancaster.	6.62	65.56	60.00
7805	Eshelman's Digester Tankage, ----	Farmers' Co-operative Co., Inc., Wysox.	9.60	57.09	60.00
7469	Eshelman's Digester Tankage, ----	S. A. Fishburn, Pax- tonia.	8.04	65.94	60.00
		Average, -----	8.08	62.85	-----
	IDEAL RENDERING CO., NORTH WALES, PA.				
7124	Ideal Digester Tankage, -----	Hammond Elevator Co., Corry.	8.95	41.13	55.00
7397	Ideal Digester Tankage, -----	Wolfe & Huffman, Watsonstown.	5.61	44.00	50.00
		Average, -----	7.28	42.57	-----
	SWIFT & CO., CHICAGO, ILL.				
7767	Swift's Digester Tankage, -----	Hockey & McCurdy, Scottsdale.	7.15	63.63	60.00
7749	Swift's Gromeal for Hogs, -----	Dayton Milling Co., Towanda.	8.00	50.94	50.00
	THE VAN IDERSTINE COMPANY, LONG ISLAND CITY, N. Y.				
7379	Van Iderstine's Digester Tankage for Hogs.	Blank & Gottshall Com- pany, Inc., Sunbury.	8.39	60.41	50.00
		Total average, ----	7.80	55.42	-----
	POULTRY BONE.				
	SWIFT & CO., NEWARK, N. J.				
7748	Swift's Poultry Bone Meal, -----	Dayton Milling Co., Towanda.	5.27	28.44	25.00
	THE VAN IDERSTINE COMPANY, LONG ISLAND CITY, N. Y.				
7376	Van Iderstine's Raw Bone Meal for Poultry.	Blank & Gottshall Com- pany, Inc., Sunbury.	7.78	23.94	20.00
		Average, -----	6.52	26.19	-----

FEEDING STUFFS COLLECTED IN 1921—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.50	8.00	1.77	5.00	5 90	-----	Tankage, -----	8234
6.78	8.00	1.96	5.00	6 40	-----	Tankage, -----	7060
7.21	8.00	2.21	5.00	3 25	-----	Tankage, -----	7903
6.10	-----	1.98	-----	4 88	-----		
6.61	5.00	1.23	5.00	58 00	-----	Tankage, -----	7355
7.43	8.00	5.05	5.00	4 10	-----	Tankage, -----	7805
8.08	5.00	1.69	5.00	4 75	-----	Tankage, -----	7469
7.37	-----	2.65	-----	78 33	-----		
15.54	14.00	1.16	2.00	6 00	-----	Tankage, -----	7124
16.08	14.00	1.00	2.00	4 50	-----	Tankage, -----	7397
15.81	-----	1.08	-----	5 25	-----		
7.20	5.00	1.38	3.00	5 50	Tankage, -----	As certified, -----	7707
7.68	3.00	1.80	5.00	3 50	Meat, blood, bone, -----	Identified as tankage.	7749
5.43	1.00	2.40	3.50	3 50	-----	Tankage and small amount of glass.	7379
8.49	-----	2.87	-----	86.69	-----		
5.22	2.00	2.75	3.00	4 60	-----	Bone meal, -----	7748
6.46	2.00	5.61	3.00	4 25	-----	Bone meal, -----	7876
2.84	-----	4.18	-----	4 18	-----		

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	CONDIMENTAL STOCK AND POULTRY FOOD.				
	BLANK & GOTTSBALL COM PANY, INC., SUNBURY, PA.				
7367	B. & G. Baby Chick Feed, -----	Blank & Gottshall Com- pany, Inc., Sunbury.	% 5.66	% 12.44	% 14.00
	F. P. CASSEL'S SON, LANSDALE, PA.				
7214	Cassel's F. P. C. Chick Manna, --	Juniata Feed & Flour Co., Tyrone.	8.90	12.56	12.00
	THE PASTURA MANUFACTUR- ING CO., ELMIRA, N. Y.				
6915	Pastura-Animal Tonic, -----	H. F. Gelbach, Evans City.	6.72	6.75	-----

FEEDING STUFFS COLLECTED IN 1921—Concluded.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.88	4.00	3.44	4.00	5 00	Wheat bran, wheat middlings, shreaded wheat, corn meal, hulled oats, ground Hen-E-Ta, granulated bone, linseed meal, potassium nitrate, sodium sulphate, cayenne, salt, sulphur ginger, gentian, foenugreek, iron sulphate and charcoal.	Ginger, gentian, cayenne and sulphur not detected.	7367
3.63	4.00	2.70	3.00	11 00	Corn, oats, wheat middlings, crackers, gentian, ginger, chalk, aniseseed, ferrous sulphate, salt, sulphur, corn starch, meat and bone.	Ferrous sulphate not detected. Found a so trace of cottonseed meal and linseed oil meal.	7214
5.04	-----	27.61	-----	15 00	-----	Cocoa shell, meal, foenugreek ground gentian, ferrous sulphate, epton salt, common salt and large amount peanut hulls.	6915

